DOCUMENT RESUME

ED 052 380 **VT 013 633**

AUTHOR	Marshall, Eleanor D.; Moses, Evelyn B.
TITLE	LPN's, 1967; An Inventory of Licensed Practical Nurses.
INSTITUTION	American Nurses' Association, New York, N.Y.
SPONS AGENCY	Public Health Service (DHEW), Washington, D.C. Div. of Nursing.
PUB DATE	Jan 71
NOTE	112p.
AVAILABLE FROM	Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (HE 20.3102:N93/11, $1.00)
EDRS PRICE	EDRS Price MF-$0.65 HC-$6.58
DESCRIPTORS	Comparative Analysis, *Health Occupations, Individual Characteristics, *National Surveys, *Occupational Surveys, *Practical Nurses, *Statistical Data, Tables (Data)

ABSTRACT

The data in this report are the result of the first in a series of five proposed inventories of licensed practical nurses. The study revealed a total of 343,635 practical nurses holding licenses to practice at the time of the study. About 74 percent reported they were employed in nursing, 20 percent indicated they were not employed in nursing, and 6 percent did not report their status. General characteristics of the entire population of licensed practical nurses were: approximately 97 percent were female, 59 percent were married, 21 percent were widowed, separated or divorced, almost 14 percent were single, and the median age was 44.1 years. This data should be a valuable asset to the body of statistical knowledge on nursing personnel in this country. (Author/GEB)

ED052380

LPN's

1967 an inventory of licensed practical nurses

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The study upon which this publication is based was assisted by Public Health Service Contract Number NIH 70-4037 from the Division of Nursing, National Institutes of Health.

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LPN's

1967

an inventory of licensed practical nurses

Prepared by
Eleanor D. Marshall
and
Evelyn B. Moses

American Nurses' Association
Research and Statistics Department

Issued January 1971

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service ■ National Institutes of Health
Bureau of Health Manpower Education ■ Division of Nursing
Bethesda, Maryland 20014

For sale by the Superintendent of Documents, U.S. Government Printing Office
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FOREWORD

In early 1941 the U.S. Public Health Service at the request of the Nursing Council on National Defense conducted a national inventory of registered nurses through the State nurses' associations and the State boards of nursing. The data were used as a basis for planning to meet the nursing needs of the country, the States, and the local communities during the war emergency.

In 1949 the American Nurses' Association conducted its first in a series of five censuses of registered nurses. Throughout the years, four other inventories were made periodically, the last in 1966. The reports of these studies were published by the American Nurses' Association.

There was a need to secure baseline data on practical nurses, the other group of licensed personnel in nursing. The American Nurses' Association, utilizing the same methodology as that used for the registered nurse series, conducted the first survey in 1967.

The Division of Nursing of the Bureau of Health Manpower Education, National Institutes of Health, provided contract funds to assist in the conduct of this study as was done for the 1962 and 1966 inventories of registered nurses. As Co-Project Directors, Eleanor D. Marshall and Evelyn B. Moses of the American Nurses' Association Research and Statistics Department planned and conducted these studies. Other Department staff assisted in the preparation of the materials and compilation of data.

A vital link in the mechanism for producing these inventories is the State board of nursing, the official State agency responsible for the licensing of nursing personnel. The American Nurses' Association utilizes its close working relationship with the State boards of nursing through its Council of State Boards of Nursing to acquire the raw data for these surveys. This cooperative arrangement among the three types of agencies, Federal, State, and a professional organization, makes possible such large scale, costly manpower studies of nursing personnel. It also illustrates the way in which government and private agencies can work together to avoid duplication of effort in the area of manpower research.

The data in this report of the first inventory of licensed practical nurses should be a valuable asset to the body of statistical knowledge on nursing personnel in this country.

Jessie M. Scott

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Assistant Surgeon General
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SUMMARY OF FINDINGS

Among the various types of health professions that are generally classified as "nursing," two require licensure in every State to practice or to use a particular title. These two are the registered nurse and the practical nurse. The administration of licensing or registration, as it is sometimes called, is a function of an agency of the State and is referred to in this report as a State board of nursing. All boards issue initial and renewal licenses. This licensing procedure, which calls for periodic renewal of a license, provides a mechanism for conducting nationwide manpower studies of both groups of nurses. In 1949 the American Nurses' Association conducted the first in a series of five registered nurse manpower studies. The first such study of licensed practical nurses was made in 1967. This is a report of that study.

State licensure laws provide for renewal of practical nurse licenses either annually or biennially. In order to maintain "active" registration the nurse pays a fee. It is the nurses with active registration who are considered currently licensed to practice (whether they are practicing in fact, or not) and therefore constituted the universe that was studied. Some States maintain lists of practical nurses who are not employed in that State and do not wish to pay a fee to maintain a license. These persons, like other nonlisted, nonlicensed practical nurses, are not part of the study. Although it is less common today than a decade ago, there are still some unlicensed persons who work as practical nurses; these persons are also excluded from the study.

Licensure of the practical nurse is a relatively new development. Although the first statute was enacted in Florida in 1913, 43 jurisdictions had not enacted such legislation until 1945 or later. The District of Columbia, in 1960, was the last jurisdiction to enact legislation covering the practical nurse.

In California and Texas the term "vocational nurse" is used rather than "practical nurse." To avoid a great deal of repetition throughout the report, the use of the term "licensed practical nurse" will include the licensed vocational nurse.

The study revealed a total of 343,635 practical nurses holding licenses to practice at the time of the study. About 74 percent, or 252,522 practical nurses reported they were employed in nursing; 20 percent, or 69,189 practical nurses indicated they were not employed in nursing; and about 6 percent, or 21,924 practical nurses, did not report their employment status. To obtain a better estimate of State employment, adjustments were made for nonreporting of employment status. County figures were adjusted to produce State totals and a national estimate. This resulted in a total of 269,723 licensed practical nurses employed in the United States in 1967.

To characterize generally the entire population of licensed practical nurses (both the employed and inactive in nursing): they were predominantly female, only 9,420, or about 3 percent were male; the majority were married (59 percent); 21 percent were widowed, divorced or separated; almost 14 percent were single; and the median age was 44.1 years.

The Employed LPN

The Public Health Service estimates that 3.5 million persons were employed in all health occupations in 1967. Of that total, 50 percent were classified as "nursing" occupations. Practical nurses accounted for about 9 percent of all health workers and 18 percent of employed "nursing" personnel.[1] Prior to the ANA inventory, little statistical information was available on these practitioners.

As mentioned previously, it is estimated from the ANA inventory that 269,723 licensed practical nurses were employed throughout the United States in 1967. The supply varies greatly from State to State. Alaska had 199 licensed practical nurses while New York had 25,293. There were four States whose supply was estimated to be 20,000 or more: New York, Pennsylvania, Texas, and California. Together these four States accounted for 35 percent of all employed licensed practical nurses.

In order to make State comparisons, ratios of licensed practical nurses to population were computed. Nationally, there were 135 licensed practical nurses for every 100,000 residents of the United States. The State ratios varied from a low of 64 licensed practical nurses per 100,000 population in Indiana to a high of 267 per 100,000 in the District of Columbia. Twenty-two States had nurse/population ratios higher than that for the United States. The 10 jurisdictions with the highest ratios were, in descending order, the District of Columbia, Vermont, Massachusetts, Texas, Pennsylvania, Idaho, Colorado, Rhode Island, Arkansas, Hawaii. The 10 States with the lowest ratios were, in ascending order, Indiana, Maine, Alaska, Nebraska, Wyoming, Maryland, Montana, Kansas, South Carolina, and Iowa. As can be seen from these listings, there is no particular concentration of relatively high or low ratios in any single defined region of the country. There is, however, a tendency toward a concentration in the northern

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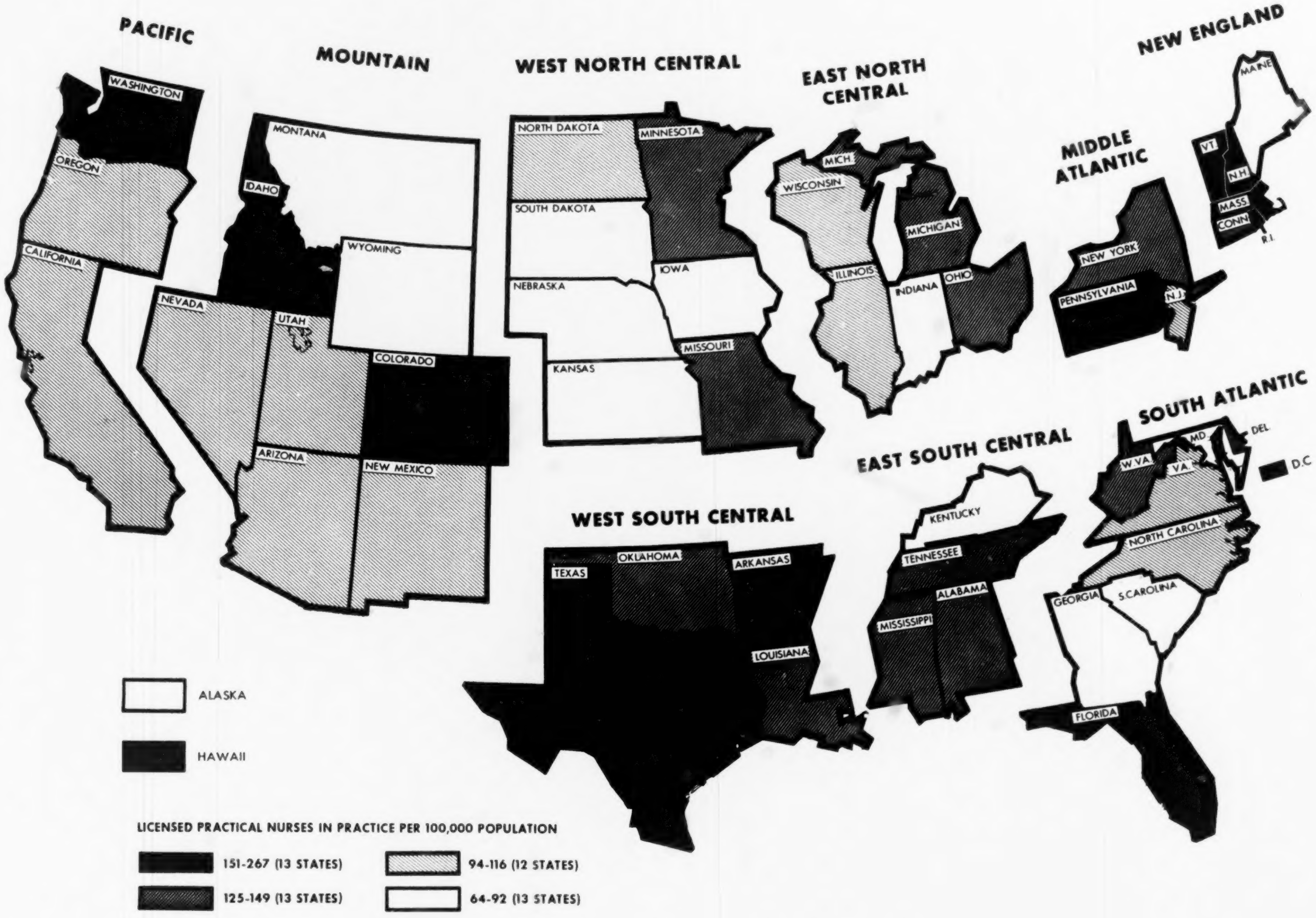
[1] *Health Manpower Source Book, Section 21, Allied Health Manpower, 1950-80,* U.S. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, 1970, pp. 1 and 3.

Figure 1. Ratio of employed LPN's per 100,000 population, 1967


PACIFIC
MOUNTAIN
WEST NORTH CENTRAL
EAST NORTH CENTRAL
NEW ENGLAND
MIDDLE ATLANTIC
SOUTH ATLANTIC
EAST SOUTH CENTRAL
WEST SOUTH CENTRAL
WASHINGTON
OREGON
CALIFORNIA
MONTANA
IDAHO
WYOMING
NEVADA
UTAH
COLORADO
ARIZONA
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MISSOURI
MICH
WISCONSIN
ILLINOIS
MICHIGAN
INDIANA
OHIO
MAINE
VT
N.H.
MASS
CONN
R.I.
NEW YORK
PENNSYLVANIA
N.J.
DEL
MD
W.VA.
VA.
D.C.
NORTH CAROLINA
S.CAROLINA
GEORGIA
FLORIDA
KENTUCKY
TENNESSEE
ALABAMA
MISSISSIPPI
TEXAS
OKLAHOMA
ARKANSAS
LOUISIANA
ALASKA
HAWAII
LICENSED PRACTICAL NURSES IN PRACTICE PER 100,000 POPULATION
151-267 (13 STATES)
125-149 (13 STATES)
94-116 (12 STATES)
64-92 (13 STATES)

middle area of the United States of nurse/population ratios in the lowest quartile.

In addition to State data, distributions of licensed practical nurses were made by county and metropolitan areas. The list of counties and metropolitan areas were derived from the "Sales Management, Survey of Buying Power."[2] There was some difficulty in determining county for this purpose since the original source documents for the 1967 Inventory of Licensed Practical Nurses did not contain questions on county of employment or residence. They did, however, ask for the nurse's address and the State where the nurse was employed. Therefore, for purposes of this distribution, county identification was made from the mailing address. Thus, the county data for each State include the practical nurses employed in that State according to county of mailing address; the inactive practical nurses residing in that State according to county of mailing address; the practical nurses who did not report whether or not they were employed according to county of mailing address; and a residual group called "out of State residence." This last group includes the practical nurses who said they were employed in that State but who had mailing addresses in a different State. The effect on the employed population of using the mailing address would be expected to be greater than that for the inactive licensed practical nurse since the address would more likely be accurate placement identification for the latter group. In all there were 5,362 employed licensed practical nurses who were not included in a county because their mailing address differed from the State where they were employed.

It is interesting to examine the supply of licensed practical nurses in the different geographical terms: State, county, and metropolitan area. A metropolitan area as used in the "Sales Management, Survey of Buying Power" is defined as ". . . a group of contiguous counties featuring at least one central city of 50,000 inhabitants or more, or 'twin cities' with a combined population of 50,000. In addition to the county containing such a city or cities, contiguous counties qualify as component parts of a *Standard Metropolitan Statistical Area* if they are essentially metropolitan in character, and are economically and socially fused with the 'hub' or central city."[3]

It was estimated that 189,387 licensed practical nurses were employed in 222 metropolitan areas in the United States in 1967. This accounts for 70 percent of the 269,723 licensed practical nurses employed in nursing that year. Thus, there were 139 licensed practical nurses for every 100,000 persons among the 136 million people residing in metropolitan areas of the United States.

The importance of examining supply in terms of a metropolitan area is dramatically illustrated by the data for the District of Columbia. Within the confines of the central city, which is synonymous with the entire jurisdiction in this instance, it is estimated that there were 2,162 employed licensed practical nurses for a ratio of 267 per 100,000 population. Looking at the whole metropolitan area, defined here as Washington, D.C., two counties in Maryland plus four counties in Virginia, it is estimated that it contained 3,057 employed licensed practical nurses, an addition of only 895 nurses over the central city's supply. Because of the considerably larger population base for this expanded area, there is a ratio of only 114 licensed practical nurses for every 100,000 persons. This same effect is evidenced for other large metropolitan areas as shown in the table below. Although a jurisdiction appears to have a high ratio of licensed practical nurses to population, it is fallacious to eliminate from consideration the fact that the surrounding population of a large central city utilizes the facilities of that city to help meet health care needs.

Table 1. Employed LPN's and ratios to population in selected areas

	Central city		Metropolitan area	
	Est. employed LPN's	Ratio to pop.	Est. employed LPN's	Ratio to pop.
New York	11,471	142	15,039	129
Philadelphia	5,632	276	9,729	203
St. Louis	2,408	348	3,963	170
Baltimore	1,513	164	2,111	105

The central city data in the preceding table were derived from county data. There were 3,077 counties plus eight independent cities. It is interesting to note that 88 of the 3,077 had no licensed practical nurses, employed or unemployed.

Again it should be remembered that county designation was derived from the mailing address rather than from an employment address. If the practical nurses could be distributed according to the actual county of employment, the ratio of nurses to population might appear even higher for those areas where there are large concentrations of health facilities. Thus, the nurse/population ratio also serves partially as a reflection of the concentration of facilities in a particular area and, in any comparison of the relative strength or weakness of the nurse supply in an area, this factor should also be taken into account.

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[2] Copyright June 10, 1968. "Sales Management, Survey of Buying Power."

[3] "Sales Management, Survey of Buying Power," *Sales Management*, Volume 100 No. 12, June 10, 1968, pp. C-C3.

Age and Marital Status

The median age of employed licensed practical nurses was 44.3 years in 1967. About 25 percent of the employed group were under 31 years and another 25 percent were 55 or more years old. The distribution by age groups shows that 13 percent of employed licensed practical nurses reported their age as under 25 years. The relatively short training period to become a practical nurse, usually 12 months, brings large numbers of graduates into the labor market at relatively young ages. Concomitantly, this type of training also has enabled the older woman to enter the health care field.

A study being conducted by the National League for Nursing on the career patterns of practical nurses reveals that the age of students entering practical nursing programs varied. "Less than half, or 45.3 percent of the students admitted to the schools in the study, fell in the age range of 14 to 19; while slightly over half of the students were twenty years of age or older."[4] Their data show that about 24 percent of the entering students were at least 35 years old.

On the average, the youngest employed licensed practical nurses were found in the West North Central region of the United States. The median age for that region was 38.2 years. In the States of North Dakota, South Dakota, and Minnesota, the median age fell below 30.

The majority of employed licensed practical nurses (58.2 percent) reported they were married; 12 percent were divorced or separated; 12 percent were widowed; 16.3 percent were single.

As would be expected, single employed licensed practical nurses were younger on the average than were licensed practical nurses in the other marital status categories. Their median age was 26.9 years while married nurses had a median of 43.3 years, the widowed, 58.8 years, and the divorced and separated had a median age of 45.8 years.

Basis of Original License

The inventory form contained a question about whether the original license to practice practical nursing was obtained by examination or waiver. For the most part the term "original license" was not clearly defined as the first license ever obtained by the nurse regardless of State where the license was being renewed. Some States did ask in which State the first license was obtained to assist in interpreting that question.

The term "waiver" signifies that some requirement to obtain a license is set aside, such as the necessity to have graduated from a State-approved program of practical or vocational nursing. In some States it is required that these individuals take and pass the examination. Therefore, if the individual completed the Inventory form by checking both waiver and examination, the response was coded as "waiver." However, despite those limitations the characteristics of those who indicated they were originally licensed by examination as compared to those whose original license was by waiver warrants review.

For the United States as a whole it was found that almost 73 percent of the employed licensed practical nurses reported that their original license was obtained by examination and 24.5 percent indicated they were licensed by waiver. Among the States, the highest proportion of original licenses obtained by waiver was found in Pennsylvania (60 percent or about three out of every five employed licensed practical nurses in that State). The States in which at least nine out of 10 employed licensed practical nurses reported having obtained their first license by examination were Minnesota, Maryland, Tennessee, California, Idaho, North Dakota, Alaska, Wisconsin, Iowa, and Nevada.

There is a marked difference in the age distributions of employed licensed practical nurses who obtained original licenses by examination and those who obtained them by waiver. The median age of those who reported theirs was obtained by examination was 39.7 years while the waivered licensed practical nurses' average age was 54.3 years. Among the employed licensed practical nurses who were 60 years or older, 55 percent reported that they had obtained their original license by waiver. On the other hand, 96 percent of the employed licensed practical nurses under 30 years of age were licensed originally by examination. The initial passage of a licensing law or an amendment to an existing statute are times when the likelihood occurs of large numbers of licenses being issued by waiver, as the licensure statistics in annual editions of *Facts About Nursing* attest. It is, therefore, more apt to be the older licensed practical nurse who holds a waivered license.

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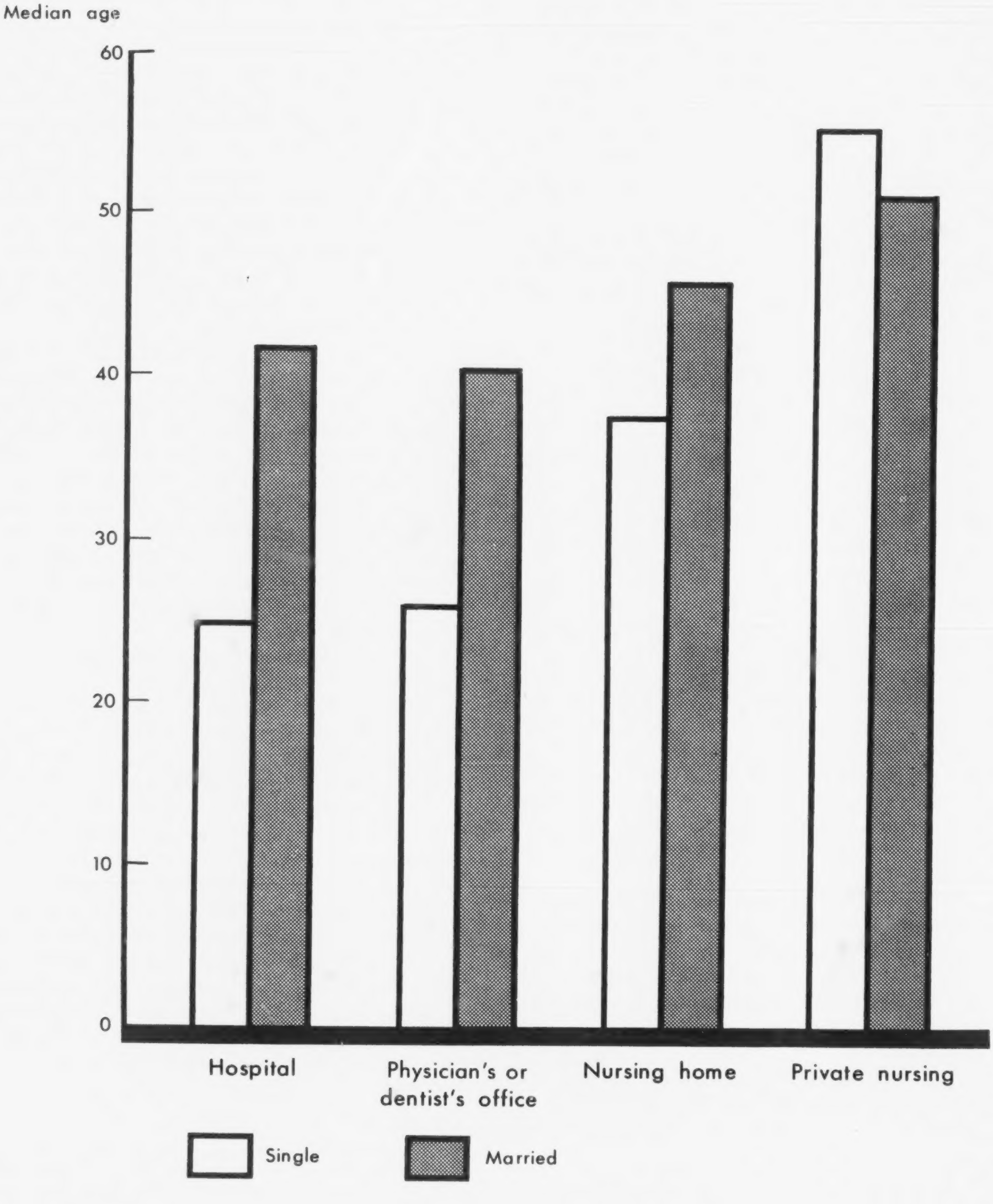
[4] Tate, Barbara and Knopf, Lucille, *Nurse Career Pattern Study*, Part I: Practical Nursing Programs, National League for Nursing, 1968, p. 19.

Figure 2. Median age of single and married LPN's in selected fields of nursing, 1967



Employment Setting

Licensed practical nurses are employed predominantly in institutional settings. Sixty-seven percent were estimated to be employed in hospitals in 1967 and another 12 percent were working in nursing homes. About 14 percent of licensed practical nurses were engaged in private nursing, the vast majority of whom were probably caring for patients in hospitals. Data obtained by the American Nurses' Association from nurses' professional registries for 1967 showed that almost 89 percent of the calls filled by licensed practical nurses for private nursing care were for patients in hospitals while only about 11 percent were for patients in their homes.[5]

The distribution of employed licensed practical nurses by employment settings in 1967, when adjusted for nonresponse as to employment status and field of nursing, is as follows:

Table 2. Field distribution of LPN's

Field of employment	Number	Percent
Total	**269,723**	**100.0**
Hospital	179,511	66.5
Private nursing	37,295	13.8
Nursing home	32,139	11.9
Physician's or dentist's office	15,598	5.8
Public health	3,385	1.3
Industry	1,086	.4
Other	709	.3

It may be well to point out here that the need for gross manpower statistics does not obviate the need for institutional or agency data, nor is the reverse true. One type of study complements the other and adds to the store of knowledge. Indeed, it would be relatively impossible to assess the status of trends in education, employment, utilization, and adequacy of supply of health manpower without adequate statistics of various kinds.

Estimates of the number of employed practical nurses in various employment settings are available periodically from different sources. The Division of Nursing of the National Institutes of Health in a 1966 study of nursing personnel in hospitals estimated that 160,766 licensed practical nurses were employed in hospitals that year.[6]

The Division of Nursing regularly gathers data on nursing personnel employed in public health. They found that in 1966 there were 826 licensed practical nurses reported employed in the United States. In their 1968 study, 1,681 licensed practical nurses were reported employed in public health in this country.[7]

Another source of data on where practical nurses are employed is the National Center for Health Statistics. Their Division of Health Resources Statistics surveyed nursing and related homes in 1967 and found that 40,109 licensed practical nurses were working there. These data were collected in the 1967 *Master Facilities Inventory Survey of Inpatient Health Facilities*.[8]

Relatively little information is available on nursing personnel in physicians' offices. Some data were collected by the American Medical Association in a survey of medical groups in the United States in 1965. It was found that 3,636 licensed practical nurses were employed in group practice situations.[9] The ANA inventory, however, is the major source of data on licensed practical nurses in physicians' and dentists' offices, industry, and private nursing.

There are some interesting distinctions characterizing the supply of licensed practical nurses when examined by field of employment. Hospital-employed licensed practical nurses constitute the largest segment among the various employment settings; in each State and region of the country this employment group predominates. However, there are differences of magnitude according to geographic location. For example, in the Pacific area of the country almost 71 percent of the licensed practical nurses reported they worked in hospitals while in the New England region 62 percent were hospital-employed.

In New England a significantly higher proportion (22 percent) of licensed practical nurses were found working in nursing homes as compared to the 12 percent of the country as a whole. However, the southern part of the country showed a significantly lower proportion (about 9 percent) employed in nursing homes. The three States in the southern area that were exceptions to this relatively low proportion were Florida, Georgia, and Alabama.

For licensed practical nurses in private nursing, the area showing the highest proportion was the Middle Atlantic region (19 percent) and the low was found in the Pacific area, which had only 8 percent reported. In the field of office nursing, a high proportion (8.5 percent) was found in the West South Central area compared to a low (about 3 percent) in the northeastern section of the country.

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[5] *Facts About Nursing*, 1968 edition, American Nurses' Association, p. 171.

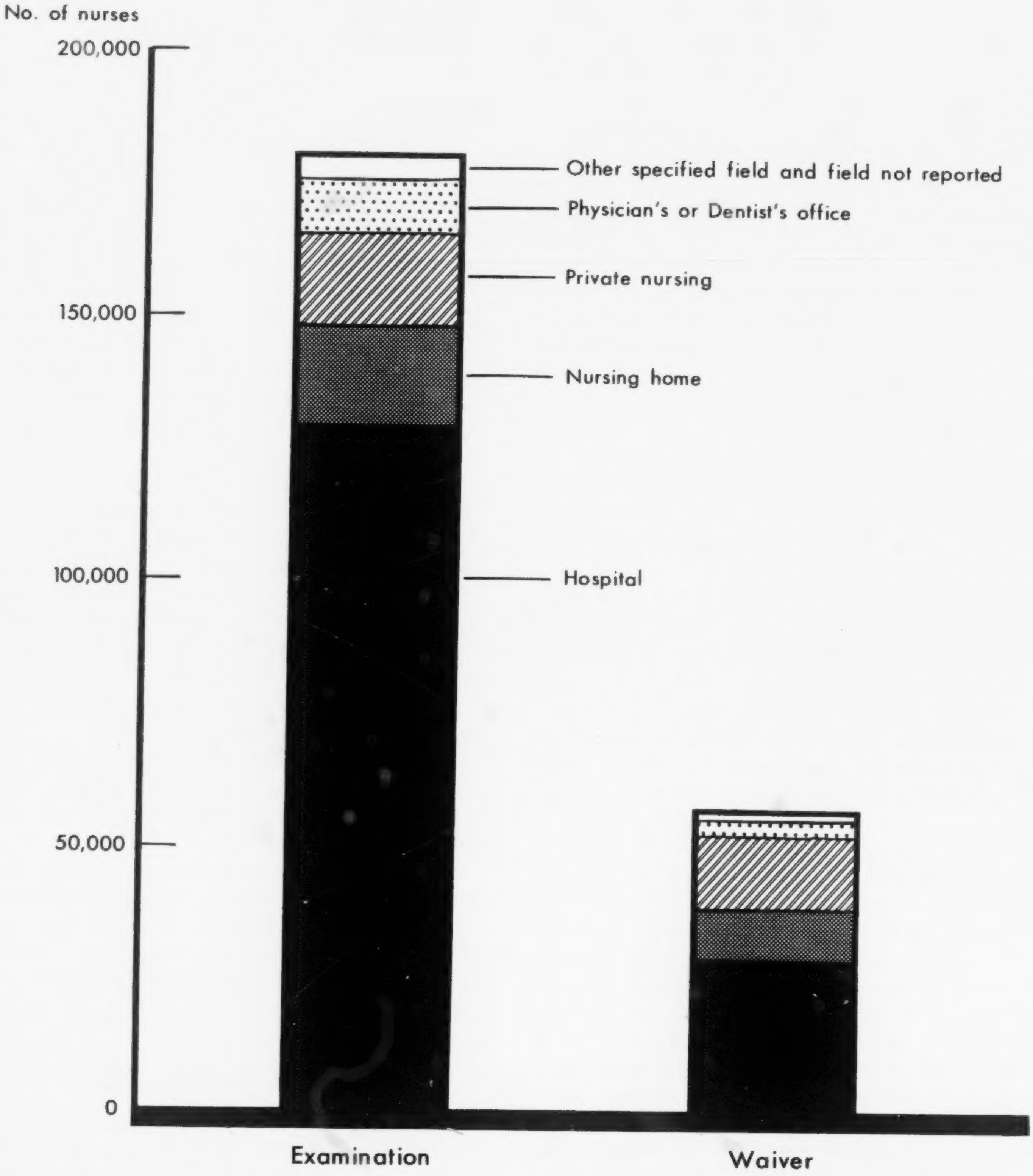
[6] *Health Manpower Source Book, Section 2, Nursing Personnel*, Revised 1969, Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, p. 97.

[7] *Nurses in Public Health*, Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, January 1966 and January 1968.

[8] U.S. Department of Health, Education, and Welfare, Public Health Service National Center for Health Statistics, Division of Health Resources Statistics, 1969.

[9] Balfe, B. C. and McNamara, M. E., *Survey of Medical Groups in the U.S., 1965*, American Medical Association, 1968, p. 59.

Figure 3. Basis of original license of LPN's by employment setting, 1967



Licensed practical nurses in hospitals had a median age of 41.4 years. One-quarter of them were 28.6 years and younger and one-quarter were over 52.2 years. Licensed practical nurses in hospitals and those working in offices were younger on the average than those working in other employment settings. The median age of licensed practical nurses in offices was 40.1 years.

Since most employed licensed practical nurses worked in hospitals it would be expected that the largest number of individuals in every marital status category would be found in hospitals, and this was so. As far as single nurses were concerned, three-quarters of them worked in hospitals, a far greater proportion in hospitals than was found for all employed licensed practical nurses. The median age of single licensed practical nurses in hospitals was 24.8 years; married licensed practical nurses in hospitals had a median age of 41.7 years.

The proportion of licensed practical nurses in hospitals who received their original licenses by waiver was comparatively low (19.5 percent) compared to all other fields in which large numbers of licensed practical nurses were found. The one exception was the physicians' or dentists' offices where only 19.9 percent of licensed practical nurses received their first licenses by waiver. These were the two fields in which the younger licensed practical nurses were found. The younger nurses were more apt to have received their first license by examination than by waiver.

The second largest field of employment for licensed practical nurses is private nursing. These nurses were older on the average than licensed practical nurses in any other employment setting; the median age was 54.9 years. Because of their age level, they showed, as a group, significantly higher proportions of widowed, and divorced and separated persons than was found for all licensed practical nurses. Forty-three percent of licensed practical nurses doing private nursing reported receiving their original licenses by waiver, the highest percentage of any field in which licensed practical nurses were working.

Nursing homes employed the third largest number of licensed practical nurses among the various employment settings. These nurses also tended to be older, on the average, with a median age of 48.2 years. A significantly higher proportion were married and widowed than was found for all licensed practical nurses. As a group, licensed practical nurses in nursing homes had a high proportion (32.9 percent) of waivered licenses.

Physicians and dentists employed the fourth largest group of licensed practical nurses to work in their offices. Insofar as age and basis of obtaining original license is concerned, they are similar to the group of licensed practical nurses in hospitals. The marital status distribution of each group was, however, quite different: 69 percent of those employed in offices were married while 58.6 percent of those employed in hospitals were married.

Since there were only small numbers of licensed practical nurses in other types of employment settings than those described, no detailed analysis is warranted. It is of interest, however, to see that while only 1.3 percent of licensed practical nurses in the country as a whole worked in public health, 20.7 percent worked in public health in the State of Alaska.

Men LPN's

A total of 6,910 men licensed practical nurses were employed in nursing in the United States in 1967. They represented 73.3 percent of all men licensed practical nurses and 2.7 percent of all employed licensed practical nurses, male and female. The median age of employed men licensed practical nurses was 44.0 years, about the same as that found for employed women licensed practical nurses (44.3 years). Looking at the distribution of the men by age groups, there appeared to be more of a concentration in the middle categories, such as the 30-34, 35-39, 40-44, and 45-49 age groups, than was found for women.

Twenty-two percent of the employed men licensed practical nurses were single; 66 percent were married; 9 percent were widowed, divorced or separated. The median age of the single men was 38.3 years compared to 26.4 years as the average for the single women who were employed. Two employment settings showed a higher percentage of men licensed practical nurses than of women: in hospitals there were 71.1 percent of men, 65.8 percent of women; in industry there were 1.2 percent of men and .4 percent of women.

A larger proportion of the men licensed practical nurses reported they obtained their first licenses by waiver than did the women (40 percent of employed men licensed practical nurses compared to 24 percent of the employed women licensed practical nurses). The men licensed practical nurses engaged in private nursing showed a higher proportion of those obtaining their first licenses by examination as compared with women in that field. Insofar as the other employment settings were concerned, however, the reverse was true.

The Inactive LPN

Of all licensed practical nurses who held licenses to practice in 1967—343,635—a total of 69,189 reported they were not employed in nursing. From these data it was estimated that the actual number of inactive licensed practical nurses in the United States that year was 73,912 or 21.5 percent of all licensed practical nurses.

The inactive licensed practical nurse had a median age of 42.6 years. Thus, the licensed practical nurse who maintained a license to practice, although not employed, was younger on the average than the employed licensed practical nurse. Seventy-five percent of the inactive licensed practical nurses were married, a much higher proportion than that for the employed licensed practical nurses. Sixteen percent of the inactive licensed practical nurses were widowed, divorced or separated, and almost 7 percent were single. The married inactive licensed practical nurse was younger (38.2 years on the average) than the inactive licensed practical nurses in the other marital status categories. Single inactive licensed practical nurses had a median age of 40.0 years.

There was no difference insofar as employed or inactive licensed practical nurses were concerned in the proportion of those obtaining their original licenses by examination (about 72 percent of the inactive and 73 percent of the employed) and those obtaining them by waiver (about 24 percent of each group).

There were 1,769 men licensed practical nurses holding licenses to practice who were not employed in nursing, 18.8 percent of the 9,420 men in this study. This is a higher proportion inactive than was found for men registered nurses (6.2 percent). The median age of the men inactive licensed practical nurses was 46.1 years, which is somewhat higher than the 44.0 median age of the employed men licensed practical nurses. The opposite was true for the women; employed women licensed practical nurses had a median age of 44.3 years while the inactive women licensed practical nurses had a median of 42.5 years.

No information is available from this study as to the potentiality of the inactive licensed practical nurses for future employment. It may well be that like the registered nurse, the inactive licensed practical nurses who maintain a license in force can be considered a recruitment pool. Of course, an inactive registrant may be employed in a field outside of nursing. In this study anyone not employed as a nurse is considered "inactive."

The LPN and the RN

Since the 1967 licensed practical nurse inventory was conducted in the same manner as the 1966 inventory of registered nurses,[10] some information is provided with which to make comparisons as to the characteristics of these two groups of licensed personnel.

There were 909,131 registered nurses who maintained current licenses in 1966. Therefore, the 343,635 licensed practical nurses are about one-third the size of that group. Sixty-seven percent of the registered nurses were estimated to be employed in nursing (613,188) whereas 78 percent (269,723) of the licensed practical nurses were estimated to be employed in nursing. The inventories measure only those nurses who keep their licenses current. It may be that there is more likelihood that the registered nurse will maintain a license than will the licensed practical nurse. This may account for the fact that the percentage of registered nurses who are inactive is greater than is the proportion of licensed practical nurses who are inactive.

Examining both groups in total (employed and inactive) we find that significantly higher proportions of the female licensed practical nurses aged 25 and over were employed in nursing than were the registered nurses. In the youngest age group—those under 25 years—the reverse was true. Differences were not as marked among the men. However, higher proportions of the men licensed practical nurses 50 years and over were employed in nursing than was found among the men registered nurses. In the youngest age group of men licensed practical nurses a smaller proportion was employed in nursing than was found in this age category of men registered nurses.

Looking at the State distributions of employed licensed practical nurses and registered nurses, taking population into account, there is no consistent pattern of relationship between the numbers of persons in each State in these two groups. The following figures show the comparisons between the estimated numbers of employed registered nurses and employed licensed practical nurses according to nine regional areas of the United States:

Table 3. Regional distribution of employed RN's and LPN's

	Employed RN's		Employed LPN's	
Region[1]	Number	Nurse-population ratio	Number	Nurse-population ratio
United States	**613,188**	**313**	**269,723**	**135**
New England	57,262	509	20,436	180
Middle Atlantic	145,031	395	58,026	157
South Atlantic	78,450	270	34,468	116
East South Central	22,634	176	16,183	125
West South Central	34,184	182	36,342	190
East North Central	118,555	306	46,310	118
West North Central	51,541	323	18,638	115
Mountain	25,738	334	10,697	132
Pacific	79,793	323	28,623	112

[1] States included in each region appear in Appendix A.

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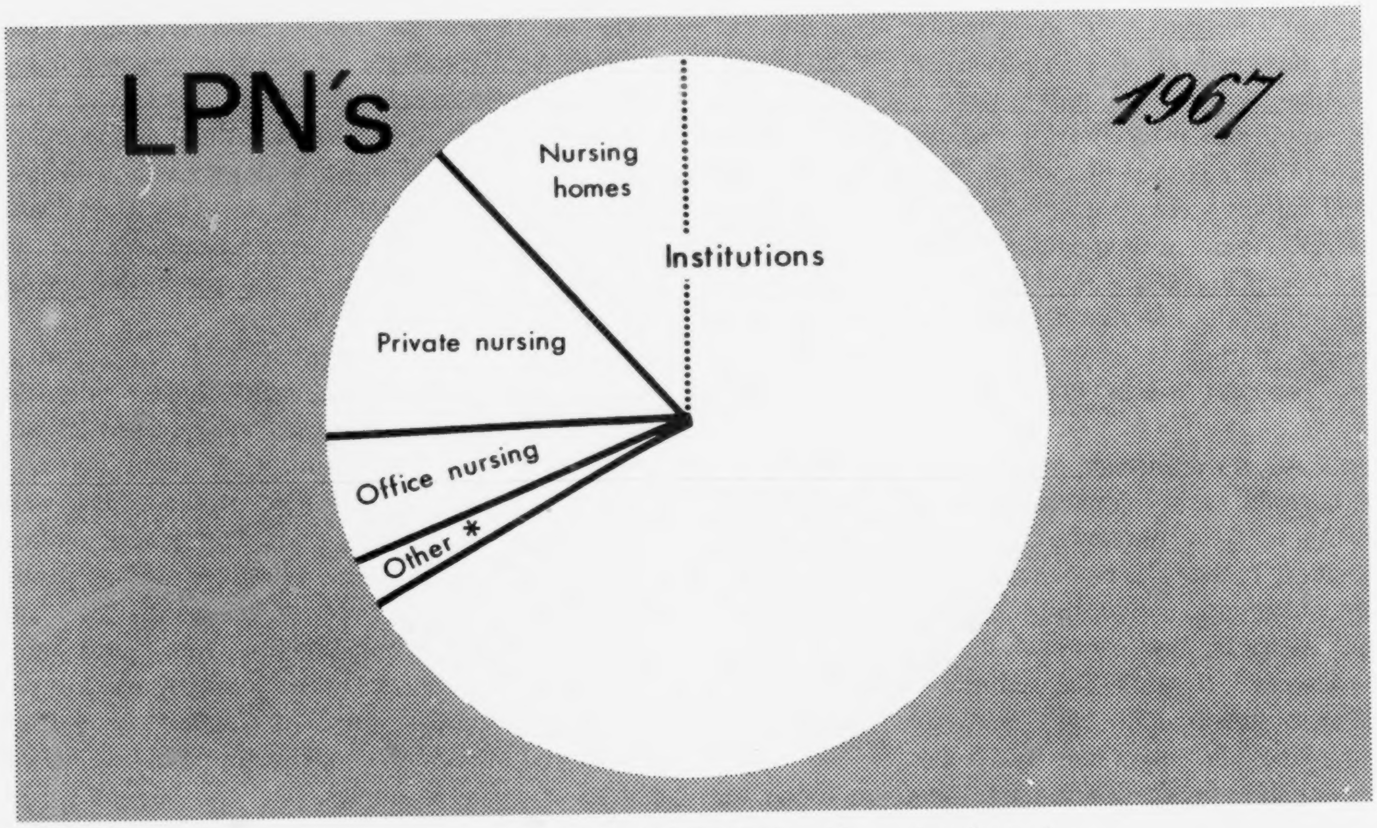
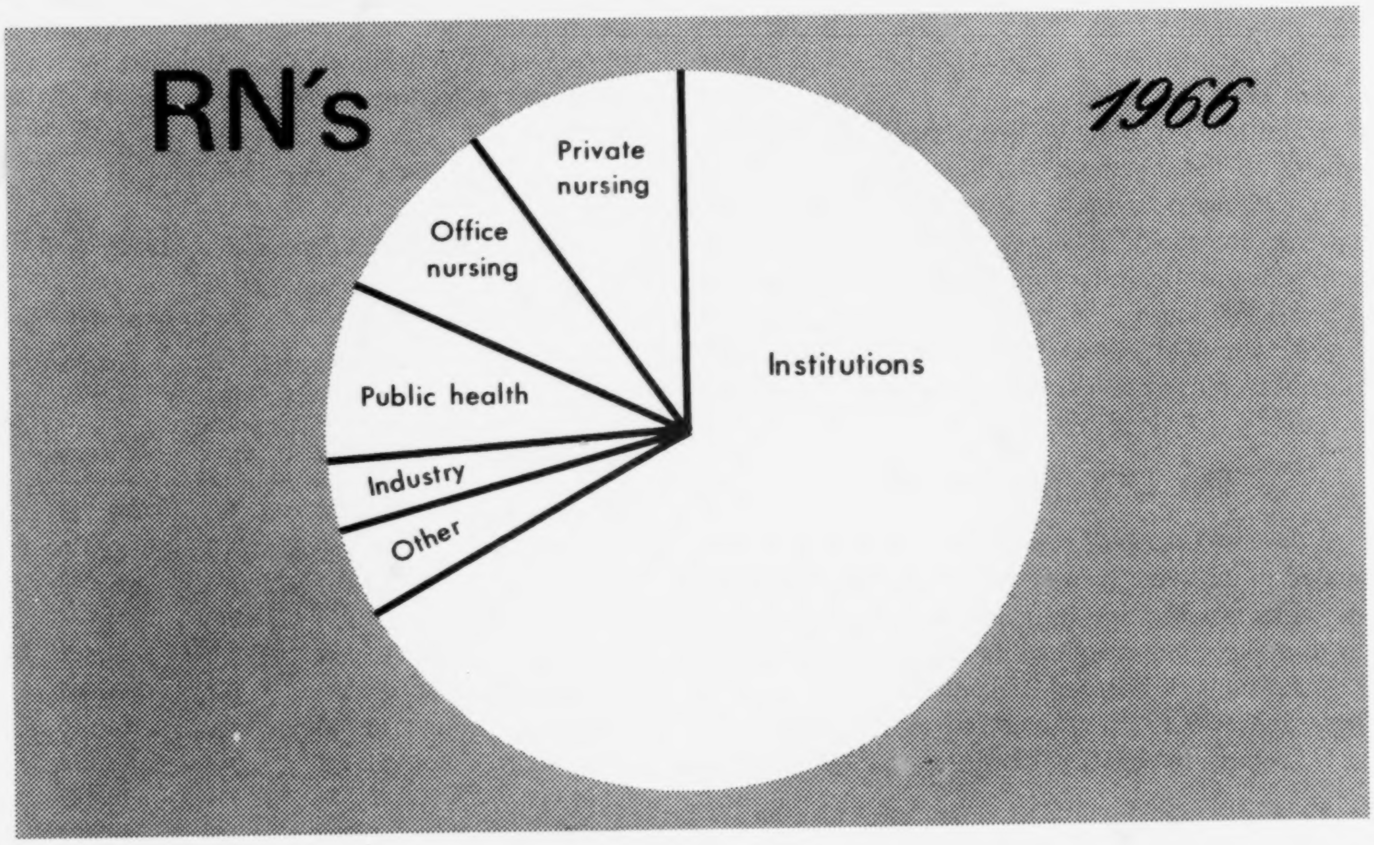
[10] Marshall, Eleanor and Moses, Evelyn, *RN's 1966*, American Nurses' Association, 1969.

Figure 4. Employment settings of LPN's and RN's



* (includes public health, and industry)



Although the numbers of men registered nurses and men licensed practical nurses were virtually identical—6,590 and 6,910, respectively—the men licensed practical nurses represent a more sizable proportion of the entire complement of licensed practical nurses than did the men registered nurses in relation to all registered nurses.

The employed licensed practical nurse was considerably older on the average than the employed registered nurse: the former had a median age of 44.3 years and the median age of the latter was 40.3 years. In all age categories above age 45, there were larger proportions of employed licensed practical nurses compared to registered nurses. In all except 17 States the licensed practical nurses were markedly older on the average than were the registered nurses. The median age of the licensed practical nurses in 19 States was more than 5 years above that of the registered nurse. As can be seen from the following table, among the 17 States that did not follow this general pattern, the median age of the licensed practical nurses was either considerably lower than that of the registered nurses or they were fairly similar.

Table 4. Median age of employed RN's and LPN's in selected States

State	Median age RN's	Median age LPN's
Alaska	37.8	34.0
California	42.5	42.9
Connecticut	40.2	38.7
Iowa	39.2	37.8
Kansas	39.4	40.4
Maine	44.1	43.8
Maryland	38.8	38.4
Michigan	40.5	38.1
Minnesota	38.4	28.0
Nevada	43.7	43.5
New Hampshire	42.6	41.2
New Mexico	42.5	39.6
North Dakota	37.5	24.0
South Dakota	38.3	27.6
Vermont	43.6	44.1
Virginia	39.3	39.7
Wisconsin	39.6	31.4

As compared to the registered nurses, it was found that smaller proportions of licensed practical nurses were single or married, and that larger proportions were widowed, divorced or separated. This probably reflects the fact that licensed practical nurses tended to be older than the registered nurses on the average.

As was mentioned previously, licensed practical nurses tended to be concentrated in institutional settings and in private nursing. Compared to the registered nurses there were comparatively few licensed practical nurses employed in public health work, in industry, and physicians' and dentists' offices.

Table 5. Field distribution of RN's and LPN's

Field of employment	Number of RN's	Number of LPN's
Total	**613,188**	**269,723**
Institutions	410,127	211,650
Private nursing	60,477	37,295
Office nursing	50,365	15,598
Public health	49,012	3,385
Industry	19,199	1,086
Other	[1]24,008	709

[1] Includes school of nursing.

It is interesting to note that the age and marital status distributions in the various fields of nursing found for the licensed practical nurses tended to be similar to that found for the registered nurses. As was true for the registered nurses, licensed practical nurses in hospitals and office nursing were from the younger segment of the employed nurse population and those in private nursing, from the oldest. Hospital nursing appeared to have a large segment of the young single registered nurses as was true for the licensed practical nurses. Office nursing tended to have a relatively high proportion of married nurses among both the registered nurses and the licensed practical nurses.

Conclusion

Information about health manpower is under close scrutiny today in this Nation's efforts to meet the increasing demand for health care. To recruit more students into educational programs that take advantage of their capabilities; to produce additional personnel, possibly in new occupations; to provide educational and experiential opportunities for personnel to advance in their careers are today's goals in the health field. The periodic availability of certain benchmark data is required to evaluate progress toward these goals.

Since nursing personnel is a key group in the health manpower spectrum, a continuous series of comprehensive information is valuable in such evaluations. The five inventories of registered nurses which have been conducted provide such data for this segment of the nursing personnel. The 1967 inventory of licensed practical nurses is the first nationwide census that gathered information on the characteristics of these practitioners. Baseline data afforded by this survey can be utilized for further research.

In addition to continuing to collect such data as ANA obtained in 1967 in order to have comparable statistics on licensed practical nurses, there is the need for some additional items of information and the refinement of certain questions. For example, a question on educational background could be introduced into a subsequent inventory. While the 1967 study attempted to find the basis upon which original licenses were obtained, it did not determine the actual educational background of the practical nurse. Also, a question on full- and part-time employment will be added to the next set of inventory questions.

APPENDIX A

Table 1A. Employment status of licensed practical or vocational nurses in each State, 1967

State	Total number	Employed in nursing		Not employed in nursing		Employment status not reported	
		Number	Percent	Number	Percent	Number	Percent
United States	**343,635**	**252,522**	**73.5**	**69,189**	**20.1**	**21,924**	**6.4**
Alabama	5,271	4,263	80.9	805	15.3	203	3.8
Alaska	285	198	69.5	86	30.2	1	.3
Arizona	2,221	1,709	77.0	478	21.5	34	1.5
Arkansas	4,128	3,360	81.4	664	16.1	104	2.5
California	26,203	18,479	70.5	5,626	21.5	2,098	8.0
Colorado	4,510	3,657	81.1	809	17.9	44	1.0
Connecticut	4,386	3,549	80.9	683	15.6	154	3.5
Delaware	803	640	79.7	149	18.6	14	1.7
District of Columbia	2,431	2,090	86.0	259	10.6	82	3.4
Florida	11,625	8,753	75.3	1,674	14.4	1,198	10.3
Georgia	4,987	3,801	76.2	1,046	21.0	140	2.8
Hawaii	1,588	1,203	75.7	244	15.4	141	8.9
Idaho	1,957	1,439	73.5	510	26.1	8	.4
Illinois	14,571	11,150	76.5	2,231	15.3	1,190	8.2
Indiana	3,885	2,997	77.1	620	16.0	268	6.9
Iowa	3,335	2,373	71.1	876	26.3	86	2.6
Kansas	2,422	1,801	74.4	503	20.7	118	4.9
Kentucky	3,621	2,787	77.0	666	18.4	168	4.6
Louisiana	6,322	5,032	79.6	1,248	19.7	42	.7
Maine	1,037	655	63.2	327	31.5	55	5.3
Maryland	3,990	3,025	75.8	912	22.9	53	1.3
Massachusetts	16,633	9,532	57.3	3,176	19.1	3,925	23.6
Michigan	16,122	10,781	66.9	3,778	23.4	1,563	9.7
Minnesota	6,226	4,964	79.7	1,158	18.6	104	1.7
Mississippi	3,579	2,912	81.4	533	14.9	134	3.7
Missouri	7,901	6,490	82.1	1,032	13.1	379	4.8
Montana	812	587	72.3	221	27.2	4	.5
Nebraska	1,528	1,144	74.9	348	22.8	36	2.3
Nevada	802	544	67.8	246	30.7	12	1.5
New Hampshire	1,436	932	64.9	388	27.0	116	8.1
New Jersey	11,086	7,464	67.3	2,776	25.1	846	7.6
New Mexico	1,515	1,116	73.7	307	20.2	92	6.1
New York	34,850	24,961	71.6	9.436	27.1	453	1.3
North Carolina	6,593	5,229	79.3	1,153	17.5	211	3.2
North Dakota	766	603	78.7	160	20.9	3	.4
Ohio	18,368	14,683	79.9	3,307	18.0	378	2.1
Oklahoma	4,195	2,973	70.9	713	17.0	509	12.1
Oregon	3,001	2,164	72.1	818	27.3	19	.6
Pennsylvania	31,747	23,940	75.4	6,878	21.7	929	2.9
Rhode Island	2,153	1,585	73.6	505	23.5	63	2.9
South Carolina	2,676	2,183	81.6	428	16.0	65	2.4
South Dakota	817	614	75.1	159	19.5	44	5.4
Tennessee	6,969	5,669	81.3	1,155	16.6	145	2.1
Texas	30,814	20,237	65.7	5,270	17.1	5,307	17.2
Utah	1,551	1,191	76.8	339	21.8	21	1.4
Vermont	1,279	935	73.1	316	24.7	28	2.2
Virginia	5,859	4,808	82.1	959	16.3	92	1.6
Washington	7,014	4,757	67.8	2,143	30.6	114	1.6
West Virginia	2,821	2,317	82.1	406	14.4	98	3.5
Wisconsin	4,570	3,969	86.9	573	12.5	28	.6
Wyoming	374	277	74.1	92	24.6	5	1.3

Table 2A. Adjusted totals for employed licensed practical or vocational nurses in each State and region and ratio per 100,000 population, 1967

State and region	Employed nurses[1] (adjusted figure)	Nurse-population ratio[2]
United States	**269,723**	**135**
New England	**20,436**	**180**
Connecticut	3,677	125
Maine	691	70
Massachusetts	12,469	228
New Hampshire	1,011	151
Rhode Island	1,632	181
Vermont	956	236
Middle Atlantic	**58,026**	**157**
New Jersey	8,081	115
New York	25,293	139
Pennsylvania	24,652	210
South Atlantic	**34,468**	**116**
Delaware	650	125
District of Col	2,162	267
Florida	9,747	158
Georgia	3,912	88
Maryland	3,065	82
North Carolina	5,407	108
South Carolina	2,239	85
Virginia	4,884	107
West Virginia	2,402	136
East South Central	**16,183**	**125**
Alabama	4,437	125
Kentucky	2,924	92
Mississippi	3,029	130
Tennessee	5,793	149
West South Central	**36,342**	**190**
Arkansas	3,448	176
Louisiana	5,067	138
Oklahoma	3,387	136
Texas	24,440	222
East North Central	**46,310**	**118**
Illinois	12,146	111
Indiana	3,222	64
Michigan	11,948	140
Ohio	14,998	141
Wisconsin	3,996	94
West North Central	**18,638**	**115**
Iowa	2,440	87
Kansas	1,897	83
Minnesota	5,053	139
Missouri	6,819	149
Nebraska	1,172	79
North Dakota	606	94
South Dakota	651	92
Mountain	**10,697**	**132**
Arizona	1,737	104
Colorado	3,696	181
Idaho	1,445	205
Montana	591	82
Nevada	552	116
New Mexico	1,188	112
Utah	1,207	116
Wyoming	281	80
Pacific	**28,623**	**112**
Alaska	199	73
California	20,091	103
Hawaii	1,319	176
Oregon	2,179	109
Washington	4,835	155

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[1] Adjusted for nonresponse.

[2] Ratios based on December 31, 1967 population from "Sales Management, Survey of Buying Power." Copyright June 10, 1968. Population figures exclude armed forces overseas.

Table 3A. Number of licensed practical or vocational nurses, by age group, marital status, and employment status, 1967

Martial status and employment status	Total number	Under 20	20–24	25–29	30–34	35–39	40–44	45–49	50–54	55–59	60–64	65 and over	Age not reported
Total	**343,635**	**1,601**	**41,204**	**34,614**	**27,034**	**29,874**	**31,742**	**35,590**	**38,174**	**33,933**	**23,600**	**23,810**	**22,459**
Single	**46,799**	**1,081**	**18,309**	**6,519**	**2,998**	**2,475**	**2,136**	**2,173**	**2,473**	**2,647**	**2,146**	**2,708**	**1,134**
Employed	41,237	992	16,987	5,869	2,686	2,196	1,912	1,909	2,119	2,219	1,754	1,709	885
Not employed	4,660	71	1,135	557	262	238	191	222	289	369	315	877	134
Not reported	902	18	187	93	50	41	33	42	65	59	77	122	115
Married	**203,384**	**350**	**21,063**	**24,738**	**19,857**	**21,740**	**22,848**	**25,044**	**25,034**	**19,565**	**10,962**	**6,817**	**5,366**
Employed	146,862	255	13,888	15,136	13,554	16,524	18,236	19,978	19,683	14,743	7,455	3,644	3,766
Not employed	51,966	89	6,947	9,288	5,979	4,820	4,106	4,558	4,780	4,264	3,119	2,840	1,176
Not reported	4,556	6	228	314	324	396	506	508	571	558	388	333	424
Widowed	**38,447**	**7**	**63**	**222**	**367**	**798**	**1,575**	**2,974**	**5,323**	**6,946**	**7,163**	**11,415**	**1,594**
Employed	29,596	7	49	161	290	671	1,339	2,614	4,646	5,945	5,667	7,097	1,110
Not employed	7,356	...	13	50	70	108	202	294	536	795	1,237	3,759	292
Not reported	1,495	...	1	11	7	19	34	66	141	206	259	559	192
Divorced or separated	**34,840**	**12**	**952**	**2,650**	**3,248**	**4,274**	**4,514**	**4,652**	**4,522**	**3,941**	**2,650**	**2,132**	**1,293**
Employed	30,176	9	828	2,297	2,910	3,811	4,064	4,159	3,969	3,419	2,196	1,446	1,068
Not employed	3,801	3	108	309	284	370	371	389	413	415	376	610	153
Not reported	863	...	16	44	54	93	79	104	140	107	78	76	72
Marital status not reported	**20,165**	**151**	**817**	**485**	**564**	**587**	**669**	**747**	**822**	**834**	**679**	**738**	**13,072**
Employed	4,651	5	188	208	270	289	369	425	521	529	434	331	1,082
Not employed	1,406	...	48	59	59	63	67	90	112	126	121	260	401
Not reported	14,108	146	581	218	235	235	233	232	189	179	124	147	11,589

Table 4A. Percent of licensed practical or vocational nurses, by age group, marital status, and employment status, 1967

Marital status and employment status	Total		Under 20	20–24	25–29	30–34	35–39	40–44	45–49	50–54	55–59	60–64	65 and over	Age not reported
	Number	Percent												
Total	**343,635**	...	**1,601**	**41,204**	**34,614**	**27,034**	**29,874**	**31,742**	**35,590**	**38,174**	**33,933**	**23,600**	**23,810**	**22,459**
Single	**46,799**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Employed	41,237	88.1	91.8	92.8	90.0	89.6	88.7	89.5	87.9	85.7	83.8	81.7	63.1	78.1
Not employed	4,660	10.0	6.6	6.2	8.6	8.7	9.6	9.0	10.2	11.7	14.0	14.7	32.4	11.8
Not reported	902	1.9	1.6	1.0	1.4	1.7	1.7	1.5	1.9	2.6	2.2	3.6	4.5	10.1
Married	**203,384**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Employed	146,862	72.2	72.9	65.9	61.2	68.3	76.0	79.8	79.8	78.6	75.4	68.0	53.4	70.2
Not employed	51,966	25.6	25.4	33.0	37.5	30.1	22.2	18.0	18.2	19.1	21.8	28.5	41.7	21.9
Not reported	4,556	2.2	1.7	1.1	1.3	1.6	1.8	2.2	2.0	2.3	2.8	3.5	4.9	7.9
Widowed	**38,447**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Employed	29,596	77.0	100.0	77.8	72.5	79.0	84.1	85.0	87.9	87.3	85.6	79.1	62.2	69.6
Not employed	7,356	19.1	...	20.6	22.5	19.1	13.5	12.8	9.9	10.1	11.4	17.3	32.9	18.3
Not reported	1,495	3.9	...	1.6	5.0	1.9	2.4	2.2	2.2	2.6	3.0	3.6	4.9	12.1
Divorced or separated	**34,840**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Employed	30,176	86.6	75.0	87.0	86.7	89.6	89.2	90.0	89.4	87.8	86.8	82.9	67.8	82.6
Not employed	3,801	10.9	25.0	11.3	11.7	8.7	8.6	8.2	8.4	9.1	10.5	14.2	28.6	11.8
Not reported	863	2.5	...	1.7	1.6	1.7	2.2	1.8	2.2	3.1	2.7	2.9	3.6	5.6
Martial status not reported	**20,165**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Employed	4,651	23.0	3.3	23.0	42.9	47.9	49.3	55.2	56.9	63.4	63.4	63.9	44.9	8.3
Not employed	1,406	7.0	...	5.9	12.2	10.4	10.7	10.0	12.0	13.6	15.1	17.8	35.2	3.1
Not reported	14,108	70.0	96.7	71.1	44.9	41.7	40.0	34.8	31.1	23.0	21.5	18.3	19.9	88.6

Table 5A. Age groups of employed licensed practical or vocational nurses in each State and region, 1967

State and region	Total number	Under 20		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65 and over		Not reported	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States																									
Number	**252,522**	**1,268**	...	**31,940**	...	**23,671**	...	**19,710**	...	**23,491**	...	**25,920**	...	**29,085**	...	**30,938**	...	**26,855**	...	**17,506**	...	**14,227**	...	**7,911**	...
Percent	**100.0**	...	**.5**	...	**12.7**	...	**9.4**	...	**7.8**	...	**9.3**	...	**10.3**	...	**11.5**	...	**12.3**	...	**10.6**	...	**6.9**	...	**5.6**	...	**3.1**
New England	**17,188**	**85**	**.5**	**2,815**	**16.4**	**1,542**	**9.0**	**1,060**	**6.2**	**1,333**	**7.8**	**1,521**	**8.8**	**1,729**	**10.0**	**1,919**	**11.2**	**1,674**	**9.7**	**1,117**	**6.5**	**933**	**5.4**	**1,460**	**8.5**
Connecticut	3,549	72	2.0	754	21.2	379	10.7	279	7.9	307	8.7	330	9.3	316	8.9	331	9.3	310	8.7	176	5.0	173	4.9	122	3.4
Maine	655	...	...	116	17.7	75	11.5	42	6.4	31	4.7	48	7.3	69	10.5	73	11.2	59	9.0	45	6.9	43	6.6	54	8.2
Massachusetts	9,532	6	.1	1,317	13.8	698	7.3	537	5.6	751	7.9	847	8.9	1,011	10.6	1,133	11.9	970	10.2	645	6.8	449	4.7	1,168	12.2
New Hampshire	932	4	.4	182	19.5	107	11.5	66	7.1	72	7.7	79	8.5	67	7.2	84	9.0	89	9.6	73	7.8	76	8.2	33	3.5
Rhode Island	1,585	2	.1	255	16.1	192	12.1	80	5.1	116	7.3	141	8.9	174	11.0	184	11.6	146	9.2	115	7.3	116	7.3	64	4.0
Vermont	935	1	.1	191	20.4	91	9.8	56	6.0	56	6.0	76	8.1	92	9.9	114	12.2	100	10.7	63	6.7	76	8.1	19	2.0
Middle Atlantic	**56,365**	**626**	**1.1**	**6,779**	**12.0**	**4,541**	**8.1**	**3,777**	**6.7**	**5,003**	**8.9**	**5,903**	**10.5**	**6,505**	**11.5**	**6,895**	**12.2**	**6,309**	**11.2**	**4,498**	**8.0**	**4,233**	**7.5**	**1,296**	**2.3**
New Jersey	7,464	5	.1	798	10.7	583	7.8	437	5.9	613	8.2	663	8.9	786	10.5	881	11.8	782	10.5	608	8.1	710	9.5	598	8.0
New York	24,961	148	.6	3,468	13.9	2,392	9.6	1,751	7.0	2,146	8.6	2,473	9.9	2,576	10.3	2,643	10.6	2,558	10.3	2,023	8.1	2,382	9.5	401	1.6
Pennsylvania	23,940	473	2.0	2,513	10.5	1,566	6.5	1,589	6.6	2,244	9.4	2,767	11.6	3,143	13.1	3,371	14.1	2,969	12.4	1,867	7.8	1,141	4.8	297	1.2
South Atlantic	**32,846**	**115**	**.3**	**3,516**	**10.7**	**3,120**	**9.5**	**2,890**	**8.8**	**3,369**	**10.3**	**3,512**	**10.7**	**3,877**	**11.8**	**3,940**	**12.0**	**3,317**	**10.1**	**2,129**	**6.5**	**1,739**	**5.3**	**1,322**	**4.0**
Delaware	640	1	.1	82	12.8	58	9.1	46	7.2	50	7.8	67	10.5	76	11.9	93	14.5	72	11.3	42	6.6	52	8.1	1	.1
Dist. of Columbia	2,090	1	(¹)	127	6.1	220	10.5	227	10.9	248	11.9	252	12.0	230	11.0	220	10.5	162	7.8	96	4.6	56	2.7	251	12.0
Florida	8,753	18	.2	848	9.7	727	8.3	601	6.9	730	8.3	838	9.6	971	11.1	1,086	12.4	1,042	11.9	696	8.0	669	7.6	527	6.0
Georgia	3,801	3	.1	290	7.6	310	8.2	344	9.0	442	11.6	433	11.4	501	13.2	487	12.8	371	9.8	270	7.1	168	4.4	182	4.8
Maryland	3,025	7	.2	403	13.3	389	12.9	378	12.5	400	13.2	355	11.8	338	11.2	255	8.4	222	7.3	103	3.4	47	1.6	128	4.2
North Carolina	5,229	6	.1	598	11.4	498	9.5	474	9.1	578	11.0	604	11.6	648	12.4	622	11.9	502	9.6	328	6.3	286	5.5	85	1.6
South Carolina	2,183	1	(¹)	209	9.6	203	9.3	209	9.6	211	9.7	248	11.4	253	11.6	297	13.6	226	10.3	131	6.0	83	3.8	112	5.1
Virginia	4,808	72	1.5	757	15.8	592	12.3	501	10.4	500	10.4	454	9.4	519	10.8	507	10.6	400	8.3	260	5.4	222	4.6	24	.5
West Virginia	2,317	6	.3	202	8.7	123	5.3	110	4.7	210	9.1	261	11.3	341	14.7	373	16.1	320	13.8	203	8.8	156	6.7	12	.5
East South Central	**15,631**	**36**	**.2**	**1,315**	**8.4**	**1,358**	**8.7**	**1,343**	**8.6**	**1,743**	**11.2**	**1,862**	**11.9**	**2,113**	**13.5**	**2,270**	**14.5**	**1,733**	**11.1**	**999**	**6.4**	**639**	**4.1**	**220**	**1.4**
Alabama	4,263	9	.2	338	7.9	355	8.3	437	10.3	509	12.0	517	12.1	598	14.0	681	16.0	477	11.2	214	5.0	85	2.0	43	1.0
Kentucky	2,787	4	.1	402	14.4	319	11.5	251	9.0	294	10.5	258	9.3	322	11.6	305	10.9	236	8.5	156	5.6	158	5.7	82	2.9
Mississippi	2,912	21	.7	182	6.3	160	5.5	174	6.0	314	10.8	336	11.5	401	13.8	463	15.9	441	15.1	270	9.3	140	4.8	10	.3
Tennessee	5,669	2	(¹)	393	6.9	524	9.2	481	8.5	626	11.1	751	13.3	792	14.0	821	14.5	579	10.2	359	6.3	256	4.5	85	1.5
West South Central	**31,602**	**45**	**.1**	**2,726**	**8.6**	**2,721**	**8.6**	**2,606**	**8.2**	**3,179**	**10.1**	**3,421**	**10.8**	**4,042**	**12.8**	**4,250**	**13.5**	**3,757**	**11.9**	**2,366**	**7.5**	**1,773**	**5.6**	**716**	**2.3**
Arkansas	3,360	24	.7	265	7.9	250	7.4	265	7.9	328	9.8	424	12.6	489	14.5	493	14.7	402	12.0	222	6.6	169	5.0	29	.9
Louisiana	5,032	8	.2	361	7.2	362	7.2	401	7.9	527	10.5	589	11.7	742	14.7	726	14.4	656	13.0	397	7.9	255	5.1	8	.2
Oklahoma	2,973	...	...	152	5.1	217	7.3	210	7.1	302	10.2	303	10.2	390	13.1	382	12.9	367	12.3	227	7.6	193	6.5	230	7.7
Texas	20,237	13	.1	1,948	9.6	1,892	9.4	1,730	8.5	2,022	10.0	2,105	10.4	2,421	12.0	2,649	13.1	2,332	11.5	1,520	7.5	1,156	5.7	449	2.2
East North Central	**43,580**	**59**	**.1**	**6,805**	**15.6**	**4,589**	**10.5**	**3,655**	**8.4**	**3,997**	**9.2**	**4,423**	**10.1**	**4,812**	**11.1**	**5,268**	**12.1**	**4,213**	**9.7**	**2,746**	**6.3**	**2,079**	**4.8**	**934**	**2.1**
Illinois	11,150	10	.1	1,134	10.2	910	8.2	906	8.1	1,039	9.3	1,318	11.8	1,407	12.6	1,472	13.2	1,225	11.0	778	7.0	605	5.4	346	3.1
Indiana	2,997	3	.1	456	15.2	266	8.9	215	7.2	261	8.7	285	9.5	316	10.6	420	14.0	328	10.9	201	6.7	201	6.7	45	1.5
Michigan	10,781	12	.1	2,093	19.4	1,531	14.2	1,013	9.4	1,061	9.9	1,085	10.1	1,220	11.3	1,131	10.5	760	7.1	458	4.2	241	2.2	176	1.6
Ohio	14,683	34	.2	1,913	13.0	1,232	8.4	1,124	7.7	1,333	9.1	1,486	10.1	1,600	10.9	1,924	13.1	1,644	11.2	1,120	7.6	937	6.4	336	2.3
Wisconsin	3,969	...	...	1,209	30.4	650	16.4	397	10.0	303	7.6	249	6.3	269	6.8	321	8.1	256	6.4	189	4.8	95	2.4	31	.8
West North Central	**17,989**	**97**	**.5**	**3,968**	**22.0**	**2,295**	**12.8**	**1,354**	**7.5**	**1,400**	**7.8**	**1,335**	**7.4**	**1,513**	**8.4**	**1,544**	**8.6**	**1,560**	**8.7**	**1,079**	**6.0**	**1,077**	**6.0**	**767**	**4.3**
Iowa	2,373	2	.1	632	26.6	283	11.9	155	6.5	179	7.6	187	7.9	181	7.6	220	9.3	202	8.5	130	5.5	176	7.4	26	1.1
Kansas	1,801	28	1.6	252	14.0	165	9.2	109	6.0	150	8.3	156	8.7	154	8.6	159	8.8	126	7.0	78	4.3	55	3.0	369	20.5
Minnesota	4,964	4	.1	1,837	37.0	1,041	21.0	475	9.5	355	7.1	227	4.6	237	4.8	207	4.2	245	4.9	170	3.4	133	2.7	33	.7
Missouri	6,490	9	.1	502	7.7	508	7.8	461	7.1	558	8.6	630	9.7	781	12.0	783	12.1	807	12.5	570	8.8	609	9.4	272	4.2
Nebraska	1,144	3	.3	246	21.5	124	10.8	70	6.1	83	7.3	78	6.8	105	9.2	124	10.8	122	10.7	87	7.6	73	6.4	29	2.5
North Dakota	603	...	...	287	47.6	99	16.4	44	7.3	32	5.3	21	3.5	28	4.6	16	2.7	20	3.3	14	2.3	13	2.2	29	4.8
South Dakota	614	51	8.3	212	34.5	75	12.2	40	6.5	43	7.0	36	5.9	27	4.4	35	5.7	38	6.2	30	4.9	18	2.9	9	1.5

[1] Less than .1 percent.

Table 5A. Age groups of employed licensed practical or vocational nurses in each State and region, 1967—Continued

State and region	Total number	Under 20		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65 and over		Not reported	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mountain	**10,520**	**10**	**.1**	**1,109**	**10.5**	**985**	**9.4**	**775**	**7.4**	**899**	**8.5**	**1,015**	**9.6**	**1,206**	**11.5**	**1,376**	**13.1**	**1,344**	**12.8**	**903**	**8.6**	**799**	**7.6**	**99**	**.9**
Arizona	1,709	2	.1	169	9.9	161	9.4	133	7.8	116	6.8	151	8.8	200	11.7	221	12.9	252	14.8	152	8.9	130	7.6	22	1.3
Colorado	3,657	3	.1	401	11.0	333	9.1	255	7.0	309	8.4	358	9.8	391	10.7	447	12.2	430	11.8	349	9.5	362	9.9	19	.5
Idaho	1,439	1	.1	111	7.7	102	7.1	105	7.3	134	9.3	155	10.8	188	13.1	220	15.3	221	15.3	108	7.5	92	6.4	2	.1
Montana	587	...	...	92	15.7	61	10.4	31	5.3	45	7.7	39	6.6	55	9.4	87	14.8	82	13.9	44	7.5	47	8.0	4	.7
Nevada	544	4	.7	63	11.6	53	9.7	57	10.5	48	8.8	60	11.0	70	12.9	64	11.8	52	9.6	48	8.8	14	2.6	11	2.0
New Mexico	1,116	...	...	167	15.0	164	14.7	117	10.5	106	9.5	116	10.4	109	9.8	109	9.8	92	8.2	58	5.2	52	4.6	26	2.3
Utah	1,191	...	...	84	7.1	101	8.5	67	5.6	109	9.2	105	8.8	162	13.6	184	15.4	176	14.8	112	9.4	78	6.5	13	1.1
Wyoming	277	...	...	22	7.9	10	3.6	10	3.6	32	11.6	31	11.2	31	11.2	44	15.9	39	14.1	32	11.6	24	8.6	2	.7
Pacific	**26,801**	**195**	**.7**	**2,907**	**10.8**	**2,520**	**9.4**	**2,250**	**8.4**	**2,568**	**9.6**	**2,928**	**10.9**	**3,288**	**12.3**	**3,476**	**13.0**	**2,948**	**11.0**	**1,669**	**6.2**	**955**	**3.6**	**1,097**	**4.1**
Alaska	198	1	.5	33	16.7	36	18.2	28	14.1	15	7.6	17	8.6	15	7.6	23	11.6	9	4.5	5	2.5	3	1.5	13	6.6
California	18,479	154	.8	1,980	10.7	1,889	10.2	1,666	9.0	1,875	10.2	2,050	11.1	2,267	12.3	2,297	12.4	1,817	9.8	1,013	5.5	511	2.8	960	5.2
Hawaii	1,203	...	...	144	11.9	124	10.3	100	8.3	148	12.3	184	15.3	166	13.8	127	10.6	127	10.6	47	3.9	11	.9	25	2.1
Oregon	2,164	34	1.6	346	16.0	189	8.7	160	7.4	163	7.5	203	9.4	221	10.2	306	14.2	270	12.5	165	7.6	96	4.4	11	.5
Washington	4,757	6	.1	404	8.5	282	5.9	296	6.2	367	7.7	474	10.0	619	13.0	723	15.2	725	15.3	439	9.2	334	7.0	88	1.9

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[1] Less than .1 percent.

Table 6A. Age groups of inactive licensed practical or vocational nurses in each State and region, 1967

State and region	Total number	Under 20		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65 and over		Not reported	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States																									
Number	69,189	163	...	8,251	...	10,263	...	6,654	...	5,599	...	4,937	...	5,553	...	6,130	...	5,969	...	5,168	...	8,346	...	2,156	...
Percent	100.0	...	.2	...	11.9	...	14.9	...	9.6	...	8.1	...	7.1	...	8.0	...	8.9	...	8.6	...	7.5	...	12.1	...	3.1
New England	5,395	2	(1)	780	14.4	934	17.3	583	10.8	407	7.5	307	5.7	361	6.7	371	6.9	338	6.3	284	5.3	559	10.4	469	8.7
Connecticut	683	2	.3	142	20.8	147	21.5	64	9.4	48	7.0	38	5.6	47	6.9	54	7.9	45	6.6	22	3.2	53	7.7	21	3.1
Maine	327	...	...	58	17.8	69	21.1	37	11.3	18	5.5	20	6.1	18	5.5	16	4.9	18	5.5	15	4.6	34	10.4	24	7.3
Massachusetts	3,176	...	...	389	12.3	483	15.2	369	11.6	270	8.5	182	5.7	229	7.2	204	6.4	178	5.6	185	5.8	303	9.6	384	12.1
New Hampshire	388	...	...	61	15.7	67	17.3	42	10.8	26	6.7	21	5.4	20	5.2	33	8.5	21	5.4	24	6.2	57	14.7	16	4.1
Rhode Island	505	...	...	62	12.3	104	20.6	42	8.3	31	6.1	30	5.9	33	6.5	42	8.3	49	9.7	24	4.8	72	14.3	16	3.2
Vermont	316	...	...	68	21.5	64	20.3	29	9.2	14	4.4	16	5.1	14	4.4	22	7.0	27	8.5	14	4.4	40	12.7	8	2.5
Middle Atlantic	19,090	82	.4	2,344	12.3	2,649	13.9	1,535	8.0	1,424	7.5	1,336	7.0	1,379	7.2	1,586	8.3	1,648	8.6	1,575	8.3	3,116	16.3	416	2.2
New Jersey	2,776	4	.1	293	10.6	378	13.6	218	7.9	191	6.9	191	6.9	179	6.4	218	7.9	229	8.2	204	7.3	466	16.8	205	7.4
New York	9,436	35	.4	951	10.1	1,229	13.0	753	8.0	748	7.9	648	6.9	616	6.5	712	7.5	811	8.6	798	8.5	2,003	21.2	132	1.4
Pennsylvania	6,878	43	.6	1,100	16.0	1,042	15.2	564	8.2	485	7.1	497	7.2	584	8.5	656	9.5	608	8.8	573	8.3	647	9.4	79	1.2
South Atlantic	6,986	19	.3	701	10.0	895	12.8	704	10.1	662	9.5	573	8.2	596	8.5	638	9.1	658	9.4	528	7.6	786	11.3	226	3.2
Delaware	149	...	...	25	16.8	19	12.8	16	10.7	13	8.7	10	6.7	16	10.7	13	8.7	9	6.1	16	10.7	11	7.4	1	.7
Dist. of Columbia	259	...	...	22	8.5	40	15.4	43	16.6	24	9.3	19	7.3	12	4.6	14	5.4	24	9.3	15	5.8	14	5.4	32	12.4
Florida	1,674	1	.1	89	5.3	127	7.6	107	6.4	118	7.0	119	7.1	145	8.7	198	11.8	195	11.6	192	11.5	291	17.4	92	5.5
Georgia	1,046	...	...	83	7.9	93	8.9	102	9.8	97	9.3	96	9.2	100	9.5	102	9.8	112	10.7	91	8.7	129	12.3	41	3.9
Maryland	912	3	.3	127	13.9	149	16.3	122	13.4	119	13.1	77	8.4	79	8.7	77	8.4	54	5.9	26	2.9	56	6.2	23	2.5
North Carolina	1,153	1	.1	115	10.0	178	15.4	146	12.7	130	11.3	119	10.3	97	8.4	100	8.7	102	8.8	66	5.7	89	7.7	10	.9
South Carolina	428	...	...	47	11.0	79	18.5	40	9.3	40	9.3	32	7.5	44	10.3	33	7.8	34	7.9	30	7.0	34	7.9	15	3.5
Virginia	959	14	1.5	162	16.9	175	18.3	102	10.6	99	10.3	63	6.6	61	6.4	48	5.0	73	7.6	52	5.4	101	10.5	9	.9
West Virginia	406	...	...	31	7.6	35	8.6	26	6.4	22	5.4	38	9.4	42	10.3	53	13.1	55	13.6	40	9.9	61	15.0	3	.7
East South Central	3,159	18	.6	301	9.5	402	12.7	318	10.1	321	10.2	287	9.1	329	10.4	336	10.6	289	9.1	231	7.3	284	9.0	43	1.4
Alabama	805	2	.2	69	8.6	113	14.0	84	10.4	65	8.1	72	9.0	91	11.3	95	11.8	83	10.3	63	7.8	60	7.5	8	1.0
Kentucky	666	...	...	98	14.7	113	17.0	62	9.3	69	10.4	52	7.8	42	6.3	45	6.7	49	7.3	41	6.2	78	11.7	17	2.6
Mississippi	533	16	3.0	50	9.4	33	6.2	51	9.6	66	12.4	46	8.6	65	12.2	55	10.3	50	9.4	44	8.2	57	10.7	...	...
Tennessee	1,155	...	...	84	7.3	143	12.4	121	10.5	121	10.5	117	10.1	131	11.3	141	12.2	107	9.3	83	7.2	89	7.7	18	1.5
West South Central	7,895	7	.1	654	8.3	874	11.1	728	9.2	706	8.9	630	8.0	753	9.5	822	10.4	795	10.1	705	8.9	1,035	13.1	186	2.4
Arkansas	664	1	.2	30	4.5	69	10.4	51	7.7	60	9.0	52	7.8	63	9.5	95	14.3	76	11.5	72	10.8	87	13.1	8	1.2
Louisiana	1,248	1	.1	81	6.5	102	8.2	102	8.2	118	9.4	117	9.4	140	11.2	147	11.7	162	13.0	127	10.2	146	11.7	5	.4
Oklahoma	713	2	.3	48	6.7	66	9.3	52	7.3	46	6.4	62	8.7	61	8.6	63	8.8	69	9.7	65	9.1	134	18.8	45	6.3
Texas	5,270	3	(1)	495	9.4	637	12.1	523	9.9	482	9.1	399	7.6	489	9.3	517	9.8	488	9.3	441	8.4	668	12.7	128	2.4
East North Central	10,509	4	(1)	1,521	14.5	2,133	20.3	1,170	11.2	810	7.7	697	6.6	735	7.0	833	7.9	791	7.5	639	6.1	923	8.8	253	2.4
Illinois	2,231	1	(1)	279	12.5	302	13.5	195	8.7	176	7.9	169	7.6	180	8.1	202	9.1	192	8.6	169	7.6	279	12.5	87	3.9
Indiana	620	...	...	84	13.6	102	16.5	58	9.4	48	7.7	45	7.2	56	9.0	58	9.4	56	9.0	45	7.2	57	9.2	11	1.8
Michigan	3,778	...	...	533	14.1	985	26.1	558	14.8	300	7.9	235	6.2	228	6.0	261	6.9	225	6.0	173	4.6	207	5.5	73	1.9
Ohio	3,307	3	.1	485	14.7	591	17.9	287	8.7	250	7.5	219	6.6	247	7.5	281	8.5	288	8.7	235	7.1	348	10.5	73	2.2
Wisconsin	573	...	...	140	24.4	153	26.7	72	12.5	36	6.3	29	5.1	24	4.2	31	5.4	30	5.2	17	3.0	32	5.6	9	1.6
West North Central	4,236	5	.1	717	16.9	897	21.2	443	10.4	325	7.7	241	5.7	246	5.8	254	6.0	253	6.0	224	5.3	447	10.6	184	4.3
Iowa	876	...	...	180	20.6	189	21.6	93	10.6	67	7.6	46	5.3	45	5.1	43	4.9	49	5.6	57	6.5	97	11.1	10	1.1
Kansas	503	3	.6	65	12.9	65	12.9	36	7.1	35	7.0	30	6.0	37	7.3	29	5.8	35	7.0	20	4.0	54	10.7	94	18.7
Minnesota	1,158	...	...	260	22.5	381	32.9	175	15.1	103	8.9	51	4.4	43	3.7	30	2.6	34	2.9	28	2.4	44	3.8	9	.8
Missouri	1,032	...	...	81	7.8	95	9.2	68	6.6	61	5.9	76	7.4	94	9.1	110	10.7	98	9.5	88	8.5	207	20.1	54	5.2
Nebraska	348	...	...	55	15.8	79	22.7	26	7.5	31	8.9	24	6.9	15	4.3	30	8.6	27	7.8	21	6.0	30	8.6	10	2.9
North Dakota	160	...	...	39	24.3	49	30.6	32	20.0	15	9.4	6	3.8	5	3.1	3	1.9	1	.6	3	1.9	1	.6	6	3.8
South Dakota	159	2	1.2	37	23.3	39	24.5	13	8.2	13	8.2	8	5.0	7	4.4	9	5.7	9	5.7	7	4.4	14	8.8	1	.6

Table 6A. Age groups of inactive licensed practical or vocational nurses in each State and region, 1967—Continued

State and region	Total number	Under 20		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65 and over		Not reported	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mountain	**3,002**	**3**	**.1**	**290**	**9.7**	**373**	**12.4**	**305**	**10.2**	**242**	**8.1**	**196**	**6.5**	**266**	**8.9**	**325**	**10.8**	**348**	**11.6**	**267**	**8.9**	**350**	**11.6**	**37**	**1.2**
Arizona	478	1	.2	44	9.2	51	10.7	41	8.6	43	9.0	27	5.6	44	9.2	55	11.5	58	12.1	45	9.4	62	13.0	7	1.5
Colorado	809	1	.1	61	7.6	82	10.1	69	8.5	71	8.8	45	5.6	94	11.6	97	12.0	105	13.0	82	10.1	90	11.1	12	1.5
Idaho	510	...	...	49	9.6	70	13.7	54	10.6	28	5.5	44	8.6	45	8.8	61	12.0	56	11.0	49	9.6	51	10.0	3	.6
Montana	221	1	.4	41	18.6	38	17.2	21	9.5	15	6.8	9	4.1	13	5.9	23	10.4	19	8.6	14	6.3	23	10.4	4	1.8
Nevada	246	...	...	23	9.4	30	12.2	26	10.6	18	7.3	18	7.3	26	10.6	31	12.6	35	14.2	18	7.3	18	7.3	3	1.2
New Mexico	307	...	...	30	9.8	42	13.7	45	14.7	35	11.4	19	6.2	18	5.9	24	7.8	29	9.4	24	7.8	36	11.7	5	1.6
Utah	339	...	...	35	10.3	51	15.0	38	11.2	27	8.0	23	6.8	22	6.5	21	6.2	35	10.3	27	8.0	58	17.1	2	.6
Wyoming	92	...	...	7	7.6	9	9.8	11	12.0	5	5.4	11	12.0	4	4.3	13	14.1	11	12.0	8	8.7	12	13.0	1	1.1
Pacific	**8,917**	**23**	**.3**	**943**	**10.6**	**1,106**	**12.4**	**868**	**9.7**	**702**	**7.9**	**670**	**7.5**	**888**	**10.0**	**965**	**10.8**	**849**	**9.5**	**715**	**8.0**	**846**	**9.5**	**342**	**3.8**
Alaska	86	1	1.2	11	12.8	16	18.6	22	25.6	14	16.3	4	4.6	4	4.6	4	4.6	3	3.5	5	5.8	...	...	2	2.4
California	5,626	15	.3	598	10.6	697	12.4	557	9.9	452	8.0	442	7.8	573	10.2	605	10.8	516	9.2	437	7.8	445	7.9	289	5.1
Hawaii	244	...	...	39	16.0	36	14.8	28	11.5	43	17.6	24	9.8	15	6.1	18	7.4	15	6.1	8	3.3	11	4.5	7	2.9
Oregon	818	4	.5	100	12.2	130	15.9	71	8.7	44	5.4	43	5.2	78	9.6	90	11.0	89	10.9	69	8.4	94	11.5	6	.7
Washington	2,143	3	.1	195	9.1	227	10.6	190	8.9	149	7.0	157	7.3	218	10.2	248	11.6	226	10.5	196	9.1	296	13.8	38	1.8

[1] Less than .1 percent.

Table 7A. Median ages of licensed practical or vocational nurses in each State and region, by employment status, 1967

State and region	Total	Employed in nursing	Not employed in nursing
United States	**44.1**	**44.3**	**42.6**
New England	**42.7**	**43.4**	**37.0**
Connecticut	37.9	38.7	33.1
Maine	40.9	43.8	33.3
Massachusetts	44.4	45.1	37.9
New Hampshire	41.3	41.2	38.1
Rhode Island	43.7	44.1	40.9
Vermont	42.5	44.1	33.8
Middle Atlantic	**45.7**	**45.7**	**44.9**
New Jersey	46.9	47.1	45.3
New York	45.4	44.8	47.3
Pennsylvania	45.6	46.1	41.7
South Atlantic	**44.0**	**43.9**	**43.5**
Delaware	45.5	46.0	40.5
District of Columbia	41.7	41.9	36.8
Florida	47.7	46.8	52.1
Georgia	45.3	44.8	46.6
Maryland	38.1	38.4	36.8
North Carolina	43.1	43.5	40.1
South Carolina	43.9	44.1	40.1
Virginia	39.3	39.7	36.1
West Virginia	49.1	48.5	50.7
East South Central	**45.1**	**45.1**	**43.4**
Alabama	44.6	44.5	44.5
Kentucky	41.3	41.6	38.7
Mississippi	48.1	48.3	45.3
Tennessee	45.2	45.1	44.2
West South Central	**45.7**	**45.9**	**46.7**
Arkansas	46.7	46.1	50.1
Louisiana	47.1	46.8	48.6
Oklahoma	47.6	47.4	49.8
Texas	44.8	45.4	45.3
East North Central	**41.8**	**42.5**	**36.8**
Illinois	45.3	45.3	43.5
Indiana	44.7	44.8	41.4
Michigan	36.9	38.1	33.0
Ohio	44.7	45.2	40.0
Wisconsin	31.0	31.4	29.6
West North Central	**37.8**	**38.2**	**34.6**
Iowa	36.7	37.8	33.4
Kansas	40.5	40.4	40.1
Minnesota	28.3	28.0	29.1
Missouri	48.5	47.8	50.6
Nebraska	40.7	42.0	36.4
North Dakota	26.3	24.0	28.9
South Dakota	29.1	27.6	30.4
Mountain	**46.7**	**46.7**	**46.4**
Arizona	47.9	47.8	48.2
Colorado	47.3	47.0	48.7
Idaho	47.6	47.9	45.9
Montana	45.6	47.1	37.5
Nevada	44.2	43.5	46.2
New Mexico	39.7	39.6	39.8
Utah	48.2	48.8	43.8
Wyoming	49.8	50.2	48.1
Pacific	**44.3**	**44.1**	**44.8**
Alaska	33.6	34.0	33.2
California	43.2	42.9	44.0
Hawaii	41.3	42.0	36.8
Oregon	44.9	44.5	45.9
Washington	48.9	49.1	48.0

Table 8A. Marital status of employed licensed practical or vocational nurses in each State and region, 1967

State and region	Total number	Single		Married		Widowed, divorced or separated		Not reported	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States									
Number	**252,522**	**41,237**	...	**146,862**	...	**59,772**	...	**4,651**	...
Percent	**100.0**	...	**16.3**	...	**58.2**	...	**23.7**	...	**1.8**
New England	**17,188**	**3,806**	**22.2**	**9,253**	**53.8**	**3,059**	**17.8**	**1,070**	**6.2**
Connecticut	3,549	834	23.5	2,080	58.6	576	16.2	59	1.7
Maine	655	141	21.5	378	57.7	119	18.2	17	2.6
Massachusetts	9,532	2,095	22.0	4,817	50.5	1,714	18.0	906	9.5
New Hampshire	932	176	18.9	535	57.4	158	16.9	63	6.8
Rhode Island	1,585	364	23.0	912	57.5	295	18.6	14	.9
Vermont	935	196	21.0	531	56.8	197	21.0	11	1.2
Middle Atlantic	**56,365**	**12,485**	**22.2**	**29,279**	**51.9**	**14,006**	**24.8**	**595**	**1.1**
New Jersey	7,464	1,418	19.0	3,841	51.4	2,021	27.1	184	2.5
New York	24,961	6,787	27.2	11,997	48.1	6,004	24.0	173	.7
Pennsylvania	23,940	4,280	17.9	13,441	56.1	5,981	25.0	238	1.0
South Altantic	**32,846**	**4,208**	**12.8**	**19,874**	**60.5**	**8,082**	**24.6**	**682**	**2.1**
Delaware	640	88	13.7	403	63.0	149	23.3	...	...
District of Columbia	2,090	314	15.0	1,119	53.6	619	29.6	38	1.8
Florida	8,753	925	10.6	4,964	56.7	2,442	27.9	422	4.8
Georgia	3,801	361	9.5	2,409	63.4	1,006	26.5	25	.6
Maryland	3,025	576	19.1	1,828	60.4	609	20.1	12	.4
North Carolina	5,229	714	13.6	3,373	64.5	1,127	21.6	15	.3
South Carolina	2,183	262	12.0	1,437	65.8	452	20.7	32	1.5
Virginia	4,808	692	14.4	3,010	62.6	1,008	21.0	98	2.0
West Virginia	2,317	276	11.9	1,331	57.5	670	28.9	40	1.7
East South Central	**15,631**	**1,492**	**9.6**	**10,072**	**64.4**	**3,678**	**23.5**	**389**	**2.5**
Alabama	4,263	364	8.5	2,779	65.2	945	22.2	175	4.1
Kentucky	2,787	404	14.5	1,689	60.6	682	24.5	12	.4
Mississippi	2,912	237	8.1	1,876	64.4	665	22.9	134	4.6
Tennessee	5,669	487	8.6	3,728	65.8	1,386	24.4	68	1.2
West South Central	**31,602**	**2,893**	**9.1**	**20,437**	**64.7**	**7,905**	**25.0**	**367**	**1.2**
Arkansas	3,360	269	8.0	2,241	66.7	828	24.6	22	.7
Louisiana	5,032	436	8.7	3,219	64.0	1,365	27.1	12	.2
Oklahoma	2,973	239	8.0	1,938	65.2	730	24.6	66	2.2
Texas	20,237	1,949	9.6	13,039	64.5	4,982	24.6	267	1.3
East North Central	**43,580**	**7,681**	**17.6**	**25,372**	**58.2**	**9,851**	**22.6**	**676**	**1.6**
Illinois	11,150	1,633	14.7	6,513	58.4	2,901	26.0	103	.9
Indiana	2,997	510	17.0	1,712	57.1	679	22.7	96	3.2
Michigan	10,781	1,983	18.4	6,492	60.2	2,078	19.3	228	2.1
Ohio	14,683	2,405	16.4	8,326	56.7	3,707	25.2	245	1.7
Wisconsin	3,969	1,150	29.0	2,329	58.7	486	12.2	4	.1
West North Central	**17,989**	**4,037**	**22.4**	**10,094**	**56.1**	**3,410**	**19.0**	**448**	**2.5**
Iowa	2,373	530	22.3	1,452	61.2	381	16.1	10	.4
Kansas	1,801	252	14.0	876	48.6	375	20.8	298	15.6
Minnesota	4,964	1,741	35.1	2,790	56.2	393	7.9	40	.8
Missouri	6,490	821	12.7	3,674	56.6	1,916	29.5	79	1.2
Nebraska	1,144	267	23.3	645	56.4	223	19.5	9	.8
North Dakota	603	230	38.1	320	53.1	47	7.8	6	1.0
South Dakota	614	196	31.9	337	54.9	75	12.2	6	1.0

Table 8A. Marital status of employed licensed practical or vocational nurses in each State and region, 1967—Continued

State and region	Total number	Single		Married		Widowed, divorced or separated		Not reported	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mountain	**10,520**	**1,316**	**12.5**	**6,466**	**61.5**	**2,565**	**24.4**	**173**	**1.6**
Arizona	1,709	214	12.5	976	57.1	514	30.1	5	.3
Colorado	3,657	524	14.3	2,111	57.7	911	24.9	111	3.1
Idaho	1,439	84	5.8	1,072	74.5	283	19.7	...	...
Montana	587	91	15.5	329	56.1	161	27.4	6	1.0
Nevada	544	46	8.4	354	65.1	139	25.6	5	.9
New Mexico	1,116	225	20.2	656	58.8	230	20.6	5	.4
Utah	1,191	108	9.1	796	66.8	248	20.8	39	3.3
Wyoming	277	24	8.7	172	62.1	79	28.5	2	.7
Pacific	**26,801**	**3,319**	**12.4**	**16,015**	**59.8**	**7,216**	**26.9**	**251**	**.9**
Alaska	198	37	18.7	108	54.5	52	26.3	1	.5
California	18,479	2,313	12.5	10,765	58.3	5,228	28.3	173	.9
Hawaii	1,203	220	18.3	812	67.5	144	12.0	27	2.2
Oregon	2,164	297	13.7	1,351	62.5	511	23.6	5	.2
Washington	4,757	452	9.5	2,979	62.6	1,281	26.9	45	1.0

Table 9A. Marital status of inactive licensed practical or vocational nurses in each State and region, 1967

State and region	Total number	Single		Married		Widowed, divorced or separated		Not reported	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States									
Number	**69,189**	**4,660**	...	**51,966**	...	**11,157**	...	**1,406**	...
Percent	**100.0**	...	**6.8**	...	**75.1**	...	**16.1**	...	**2.0**
New England	**5,395**	**416**	**7.7**	**4,009**	**74.3**	**621**	**11.5**	**349**	**6.5**
Connecticut	683	60	8.8	527	77.2	85	12.4	11	1.6
Maine	327	24	7.3	260	79.5	33	10.1	10	3.1
Massachusetts	3,176	250	7.9	2,298	72.4	332	10.4	296	9.3
New Hampshire	388	20	5.2	292	75.2	57	14.7	19	4.9
Rhode Island	505	40	7.9	384	76.0	77	15.3	4	.8
Vermont	316	22	7.0	248	78.5	37	11.7	9	2.8
Middle Altantic	**19,090**	**1,880**	**9.8**	**13,470**	**70.6**	**3,487**	**18.3**	**253**	**1.3**
New Jersey	2,776	239	8.6	1,925	69.4	514	18.5	98	3.5
New York	9,436	1,100	11.7	6,449	68.3	1,809	19.2	78	.8
Pennsylvania	6,878	541	7.9	5,096	74.1	1,164	16.9	77	1.1
South Atlantic	**6,986**	**423**	**6.1**	**5,234**	**74.9**	**1,179**	**16.9**	**150**	**2.1**
Delaware	149	8	5.4	116	77.8	24	16.1	1	.7
District of Columbia	259	34	13.1	167	64.5	50	19.3	8	3.1
Florida	1,674	78	4.7	1,206	72.0	315	18.8	75	4.5
Georgia	1,046	43	4.1	737	70.5	244	23.3	22	2.1
Maryland	912	53	5.8	740	81.1	113	12.4	6	.7
North Carolina	1,153	80	7.0	919	79.7	150	13.0	4	.3
South Carolina	428	28	6.5	325	75.9	64	15.0	11	2.6
Virginia	959	77	8.0	733	76.4	138	14.4	11	1.2
West Virginia	406	22	5.4	291	71.7	81	19.9	12	3.0
East South Central	**3,159**	**151**	**4.8**	**2,462**	**77.9**	**473**	**15.0**	**73**	**2.3**
Alabama	805	30	3.7	636	79.0	108	13.4	31	3.9
Kentucky	666	41	6.2	515	77.3	107	16.1	3	.4
Mississippi	533	29	5.5	385	72.2	95	17.8	24	4.5
Tennessee	1,155	51	4.4	926	80.2	163	14.1	15	1.3
West South Central	**7,895**	**293**	**3.7**	**6,004**	**76.0**	**1,467**	**18.6**	**131**	**1.7**
Arkansas	664	27	4.1	488	73.5	146	22.0	3	.4
Louisiana	1,248	50	4.0	917	73.5	272	21.8	9	.7
Oklahoma	713	26	3.6	516	72.4	152	21.3	19	2.7
Texas	5,270	190	3.6	4,083	77.5	897	17.0	100	1.9
East North Central	**10,509**	**596**	**5.7**	**8,373**	**79.7**	**1,345**	**12.8**	**195**	**1.8**
Illinois	2,231	173	7.8	1,629	73.0	397	17.8	32	1.4
Indiana	620	41	6.6	485	78.2	84	13.6	10	1.6
Michigan	3,778	161	4.3	3,219	85.2	317	8.4	81	2.1
Ohio	3,307	177	5.4	2,554	77.2	507	15.3	69	2.1
Wisconsin	573	44	7.7	486	84.8	40	7.0	3	.5
West North Central	**4,236**	**289**	**6.8**	**3,255**	**76.9**	**585**	**13.8**	**107**	**2.5**
Iowa Iowa	876	60	6.8	707	80.7	103	11.8	6	.7
Kansas	503	13	2.6	336	66.8	81	16.1	73	14.5
Minnesota	1,158	93	8.0	990	85.5	69	6.0	6	.5
Missouri	1,032	68	6.6	679	65.8	272	26.4	13	1.2
Nebraska	348	30	8.6	275	79.0	37	10.7	6	1.7
North Dakota	160	15	9.4	137	85.6	6	3.8	2	1.2
South Dakota	159	10	6.3	131	82.4	17	10.7	1	.6

Table 9A. Marital status of inactive licensed practical or vocational nurses in each State and region, 1967—Continued

State and region	Total number	Single		Married		Widowed, divorced or separated		Not reported	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mountain	**3,002**	**143**	**4.8**	**2,311**	**77.0**	**497**	**16.5**	**51**	**1.7**
Arizona	478	34	7.1	348	72.8	90	18.8	6	1.3
Colorado	809	40	4.9	583	72.1	161	19.9	25	3.1
Idaho	510	16	3.1	437	85.7	56	11.0	1	.2
Montana	221	18	8.1	172	77.8	28	12.7	3	1.4
Nevada	246	10	4.1	194	78.8	40	16.3	2	.8
New Mexico	307	17	5.5	236	76.9	53	17.3	1	.3
Utah	339	6	1.8	265	78.2	57	16.8	11	3.2
Wyoming	92	2	2.2	76	82.6	12	13.0	2	2.2
Pacific	**8,917**	**469**	**5.2**	**6,848**	**76.8**	**1,503**	**16.9**	**97**	**1.1**
Alaska	86	5	5.8	70	81.4	11	12.8	...	...
California	5,626	328	5.8	4,277	76.0	962	17.1	59	1.1
Hawaii	244	24	9.8	195	79.9	19	7.8	6	2.5
Oregon	818	25	3.1	672	82.2	114	13.9	7	.8
Washington	2,143	87	4.1	1,634	76.2	397	18.5	25	1.2

Table 10A. Number of licensed practical or vocational nurses, by age group, sex, and employment status, 1967

Sex and employment status	Total number	Under 20	20–24	25–29	30–34	35–39	40–44	45–49	50–54	55–59	60–64	65 and over	Age not reported
Total	**343,635**	**1,601**	**41,204**	**34,614**	**27,034**	**29,874**	**31,742**	**35,590**	**38,174**	**33,933**	**23,600**	**23,810**	**22,459**
Female	**332,382**	**1,589**	**40,735**	**33,674**	**26,128**	**28,737**	**30,658**	**34,438**	**37,072**	**32,991**	**22,929**	**23,243**	**20,188**
Employed	245,326	1,263	31,581	22,975	19,001	22,583	25,049	28,182	30,077	26,104	17,031	13,905	7,575
Not employed	67,348	161	8,176	10,060	6,486	5,411	4,763	5,340	5,930	5,814	5,007	8,132	2,068
Not reported	19,708	165	978	639	641	743	846	916	1,065	1,073	891	1,206	10,545
Male	**9,420**	**10**	**453**	**918**	**886**	**1,117**	**1,053**	**1,110**	**1,036**	**882**	**619**	**505**	**831**
Employed	6,910	4	349	682	697	897	850	874	822	711	442	288	294
Not employed	1,769	2	75	202	164	187	171	209	189	145	150	199	76
Not reported	741	4	29	34	25	33	32	27	25	26	27	18	461
Sex not reported	**1,833**	**2**	**16**	**22**	**20**	**20**	**31**	**42**	**66**	**60**	**52**	**62**	**1,440**
Employed	286	1	10	14	12	11	21	29	39	40	33	34	42
Not employed	72	...	...	1	4	1	3	4	11	10	11	15	12
Not reported	1,475	1	6	7	4	8	7	9	16	10	8	13	1,386

Table 11A. Percent of licensed practical or vocational nurses, by age group, sex, and employment status, 1967

Sex and employment status	Total		Under 20	20–24	25–29	30–34	35–39	40–44	45–49	50–54	55–59	60–64	65 and over	Age not reported
	Number	Percent												
Total	**343,635**	...	**1,601**	**41,204**	**34,614**	**27,034**	**29,874**	**31,742**	**35,590**	**38,174**	**33,933**	**23,600**	**23,810**	**22,459**
Female	**332,382**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Employed	245,326	73.8	79.5	77.5	68.2	72.7	78.6	81.7	81.8	81.1	79.1	74.3	59.8	37.5
Not employed	67,348	20.3	10.1	20.1	29.9	24.8	18.8	15.5	15.5	16.0	17.6	21.8	35.0	10.3
Not reported	19,708	5.9	10.4	2.4	1.9	2.5	2.6	2.8	2.7	2.9	3.3	3.9	5.2	52.2
Male	**9,420**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Employed	6,910	73.3	40.0	77.0	74.3	78.7	80.3	80.7	78.8	79.4	80.6	71.4	57.0	35.4
Not employed	1,769	18.8	20.0	16.6	22.0	18.5	16.7	16.3	18.8	18.2	16.4	24.2	39.4	9.1
Not reported	741	7.9	40.0	6.4	3.7	2.8	3.0	3.0	2.4	2.4	3.0	4.4	3.6	55.5
Sex not reported	**1,833**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Employed	286	15.6	50.0	62.5	63.6	60.0	55.0	67.7	69.1	59.1	66.6	63.5	54.8	2.9
Not employed	72	3.9	...	...	4.6	20.0	5.0	9.7	9.5	16.7	16.7	21.1	24.2	.8
Not reported	1,475	80.5	50.0	37.5	31.8	20.0	40.0	22.6	21.4	24.2	16.7	15.4	21.0	96.3

Table 12A. Employment status of male licensed practical or vocational nurses in each State and region, 1967

State and region	Total number	Employed in nursing		Not employed in nursing		Not reported	
		Number	Percent	Number	Percent	Number	Percent
United States							
Number	**9,420**	**6,910**	...	**1,769**	...	**741**	...
Percent	**100.0**	...	**73.3**	...	**18.8**	...	**7.9**
New England	**1,349**	**886**	**65.7**	**217**	**16.1**	**246**	**18.2**
Connecticut	85	69	81.2	12	14.1	4	4.7
Maine	30	21	70.0	8	26.7	1	3.3
Massachusetts	1,060	671	63.3	158	14.9	231	21.8
New Hampshire	41	31	75.6	7	17.1	3	7.3
Rhode Island	77	51	66.2	19	24.7	7	9.1
Vermont	56	43	76.8	13	23.2	...	...
Middle Atlantic	**3,059**	**2,358**	**77.1**	**603**	**19.7**	**98**	**3.2**
New Jersey	359	233	64.9	80	22.3	46	12.8
New York	1,475	1,107	75.1	344	23.3	24	1.6
Pennsylvania	1,225	1,018	83.1	179	14.6	28	2.3
South Atlantic	**890**	**697**	**78.3**	**144**	**16.2**	**49**	**5.5**
Delaware	11	11	100.0	...	...	...	...
District of Columbia	137	122	89.1	7	5.1	8	5.8
Florida	222	166	74.8	33	14.8	23	10.4
Georgia	95	76	80.0	17	17.9	2	2.1
Maryland	208	155	74.5	49	23.6	4	1.9
North Carolina	97	70	72.2	21	21.6	6	6.2
South Carolina	25	19	76.0	4	16.0	2	8.0
Virginia	67	55	82.1	9	13.4	3	4.5
West Virginia	28	23	82.1	4	14.3	1	3.6
East South Central	**279**	**220**	**78.8**	**46**	**16.5**	**13**	**4.7**
Alabama	42	30	71.4	9	21.4	3	7.2
Kentucky	94	84	89.4	7	7.4	3	3.2
Mississippi	33	28	84.8	5	15.2	...	...
Tennessee	110	78	70.9	25	22.7	7	6.4
West South Central	**767**	**498**	**64.9**	**153**	**20.0**	**116**	**15.1**
Arkansas	62	49	79.0	12	19.4	1	1.6
Louisiana	63	52	82.5	11	17.5	...	...
Oklahoma	80	54	67.5	19	23.7	7	8.8
Texas	562	343	61.0	111	19.8	108	19.2
East North Central	**1,035**	**784**	**75.8**	**174**	**16.8**	**77**	**7.4**
Illinois	408	320	78.4	57	14.0	31	7.6
Indiana	54	30	55.6	12	22.2	12	22.2
Michigan	277	200	72.2	52	18.8	25	9.0
Ohio	245	192	78.4	46	18.8	7	2.8
Wisconsin	51	42	82.4	7	13.7	2	3.9
West North Central	**382**	**285**	**74.6**	**74**	**19.4**	**23**	**6.0**
Iowa	76	51	67.1	23	30.3	2	2.6
Kansas	40	30	75.0	6	15.0	4	10.0
Minnesota	50	35	70.0	13	26.0	2	4.0
Missouri	179	142	79.3	25	14.0	12	6.7
Nebraska	18	14	77.8	2	11.1	2	11.1
North Dakota	11	9	81.8	2	18.2	...	...
South Dakota	8	4	50.0	3	37.5	1	12.5

Table 12A. Employment status of male licensed practical or vocational nurses in each State and region, 1967—Continued

State and region	Total number	Employed in nursing		Not employed in nursing		Not reported	
		Number	Percent	Number	Percent	Number	Percent
Mountain	**331**	**243**	**73.4**	**77**	**23.3**	**11**	**3.3**
Arizona	49	36	73.5	11	22.4	2	4.1
Colorado	136	97	71.3	36	26.5	3	2.2
Idaho	24	17	70.8	7	29.2	...	...
Montana	9	2	22.2	7	77.8	...	...
Nevada	14	10	71.4	3	21.4	1	7.2
New Mexico	48	37	77.1	8	16.7	3	6.2
Utah	37	32	86.5	3	8.1	2	5.4
Wyoming	14	12	85.7	2	14.3	...	...
Pacific	**1,328**	**939**	**70.7**	**281**	**21.2**	**108**	**8.1**
Alaska	10	9	90.0	1	10.0	...	...
California	926	654	70.6	188	20.3	84	9.1
Hawaii	178	136	76.4	22	12.4	20	11.2
Oregon	35	21	60.0	14	40.0	...	...
Washington	179	119	66.5	56	31.3	4	2.2

Table 13A. Licensed practical or vocational nurses, by basis of original license, sex, and employment status, 1967

Sex and employment status	Total		Examination		Waiver		Not reported	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total nurses	**343,635**	**100.0**	**239,419**	**69.7**	**82,906**	**24.1**	**21,310**	**6.2**
Employed	252,522	100.0	183,759	72.8	61,944	24.5	6,819	2.7
Not employed	69,189	100.0	49,839	72.0	16,644	24.1	2,706	3.9
Not reported	21,924	100.0	5,821	26.6	4,318	19.7	11,785	53.7
Female	**332,382**	**100.0**	**234,023**	**70.4**	**79,118**	**23.8**	**19,241**	**5.8**
Employed	245,326	100.0	179,691	73.2	59,050	24.1	6,585	2.7
Not employed	67,348	100.0	48,753	72.4	15,973	23.7	2,622	3.9
Not reported	19,708	100.0	5,579	28.3	4,095	20.8	10,034	50.9
Male	**9,420**	**100.0**	**5,129**	**54.5**	**3,590**	**38.1**	**701**	**7.4**
Employed	6,910	100.0	3,910	56.6	2,781	40.2	219	3.2
Not employed	1,769	100.0	1,053	59.5	643	36.4	73	4.1
Not reported	741	100.0	166	22.4	166	22.4	409	55.2
Sex not reported	**1,833**	**100.0**	**267**	**14.6**	**198**	**10.8**	**1,368**	**74.6**
Employed	286	100.0	158	55.3	113	39.5	15	5.2
Not employed	72	100.0	33	45.8	28	38.9	11	15.3
Not reported	1,475	100.0	76	5.2	57	3.9	1,342	91.0

Table 14A. Employed licensed practical or vocational nurses, by basis of original license and age group, 1967

Age group	Total		Examination		Waiver		Not reported	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	**252,522**	**100.0**	**183,759**	**100.0**	**61,944**	**100.0**	**6,819**	**100.0**
Under 20	1,268	.5	1,183	.6	13	(¹)	72	1.1
20–24	31,940	12.7	30,960	16.9	288	.5	692	10.1
25–29	23,671	9.4	22,382	12.2	795	1.3	494	7.2
30–34	19,710	7.8	17,351	9.4	1,964	3.2	395	5.8
35–39	23,491	9.3	18,762	10.2	4,254	6.9	475	7.0
40–44	25,920	10.3	19,229	10.5	6,140	9.9	551	8.1
45–49	29,085	11.5	20,644	11.2	7.788	12.6	653	9.6
50–54	30,938	12.3	20,273	11.0	10,001	16.1	664	9.7
55–59	26,855	10.6	15,204	8.3	11,005	17.7	646	9.5
60–64	17,506	6.9	8,085	4.4	8,921	14.4	500	7.3
65 and over	14,227	5.6	5,083	2.8	8,547	13.8	597	8.8
Not reported	7,911	3.1	4,603	2.5	2,228	3.6	1,090	15.8

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[1] Less than .1 percent.

Table 15A. Inactive licensed practical or vocational nurses, by basis of original license and age group, 1967

Age group	Total		Examination		Waiver		Not reported	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	**69,189**	**100.0**	**49,839**	**100.0**	**16,644**	**100.0**	**2,706**	**100.0**
Under 20	163	.2	157	.3	3	(¹)	3	.1
20–24	8,251	11.9	7,988	16.0	112	.7	151	5.6
25–29	10,263	14.9	9,669	19.4	262	1.6	332	12.3
30–34	6,654	9.6	5,774	11.6	630	3.8	250	9.2
35–39	5,599	8.1	4,333	8.7	1,093	6.6	173	6.4
40–44	4,937	7.1	3,604	7.2	1,203	7.2	130	4.8
45–49	5,553	8.0	3,912	7.9	1,481	8.9	160	5.9
50–54	6,130	8.9	4,088	8.2	1,883	11.3	159	5.9
55–59	5,969	8.6	3,334	6.7	2,434	14.6	201	7.4
60–64	5,168	7.5	2,554	5.1	2,394	14.4	220	8.1
65 and over	8,346	12.1	3,289	6.6	4,555	27.3	502	18.6
Not reported	2,156	3.1	1,137	2.3	594	3.6	425	15.7

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[1] Less than .1 percent.

Table 16A. Basis of original license of licensed practical or vocational nurses in each State and region, 1967

State and region	Total number	Examination		Waiver		Not reported	
		Number	Percent	Number	Percent	Number	Percent
United States							
Number	**343,635**	**239,419**	...	**82,906**	...	**21,310**	...
Percent	**100.0**	...	**69.7**	...	**24.1**	...	**6.2**
New England	**26,924**	**14,277**	**53.0**	**7,985**	**29.7**	**4,662**	**17.3**
Connecticut	4,386	3,562	81.2	512	11.7	312	7.1
Maine	1,037	744	71.7	199	19.2	94	9.1
Massachusetts	16,633	6,967	41.9	5,707	34.3	3,959	23.8
New Hampshire	1,436	704	49.0	526	36.6	206	14.4
Rhode Island	2,153	1,580	73.4	506	23.5	67	3.1
Vermont	1,279	720	56.3	535	41.8	24	1.9
Middle Atlantic	**77,683**	**47,647**	**61.3**	**27,979**	**36.0**	**2,057**	**2.7**
New Jersey	11,086	5,843	52.7	4,366	39.4	877	7.9
New York	34,850	28,880	82.9	5,537	15.9	433	1.2
Pennsylvania	31,747	12,924	40.7	18,076	56.9	747	2.4
South Atlantic	**41,785**	**28,952**	**69.3**	**10,510**	**25.2**	**2,323**	**5.5**
Delaware	803	400	49.8	395	49.2	8	1.0
District of Columbia	2,431	1,216	50.0	1,174	48.3	41	1.7
Florida	11,625	8,055	69.3	2,001	17.2	1,569	13.5
Georgia	4,987	3,023	60.6	1,823	36.6	141	2.8
Maryland	3,990	3,734	93.6	192	4.8	64	1.6
North Carolina	6,593	4,247	64.4	2,155	32.7	191	2.9
South Carolina	2,676	1,978	73.9	448	16.8	250	9.3
Virginia	5,859	4,788	81.7	1,031	17.6	40	.7
West Virginia	2,821	1,511	53.6	1,291	45.7	19	.7
East South Central	**19,440**	**15,637**	**80.4**	**3,492**	**18.0**	**311**	**1.6**
Alabama	5,271	4,324	82.1	887	16.8	60	1.1
Kentucky	3,621	2,730	75.4	744	20.5	147	4.1
Mississippi	3,579	2,155	60.2	1,408	39.4	16	.4
Tennessee	6,969	6,428	92.2	453	6.5	88	1.3
West South Central	**45,459**	**31,565**	**69.4**	**11,442**	**25.2**	**2,452**	**5.4**
Arkansas	4,128	3,489	84.5	599	14.5	40	1.0
Louisiana	6,322	4,857	76.8	1,414	22.4	51	.8
Oklahoma	4,195	2,542	60.6	1,081	25.8	572	13.6
Texas	30,814	20,677	67.1	8,348	27.1	1,789	5.8
East North Central	**57,516**	**41,759**	**72.6**	**10,771**	**18.7**	**4,986**	**8.7**
Illinois	14,571	9,402	64.5	3,991	27.4	1,178	8.1
Indiana	3,885	3,223	83.0	444	11.4	218	5.6
Michigan	16,122	12,582	78.1	680	4.2	2,860	17.7
Ohio	18,368	12,374	67.4	5,388	29.3	606	3.3
Wisconsin	4,570	4,178	91.4	268	5.9	124	2.7
West North Central	**22,995**	**17,952**	**78.1**	**3,247**	**14.1**	**1,796**	**7.8**
Iowa	3,335	2,965	88.9	281	8.4	89	2.7
Kansas	2,422	1,616	66.7	218	9.0	588	24.3
Minnesota	6,226	5,894	94.7	130	2.1	202	3.2
Missouri	7,901	4,999	63.3	2,232	28.2	670	8.5
Nebraska	1,528	1,120	73.3	241	15.8	167	10.9
North Dakota	766	702	91.7	47	6.1	17	2.2
South Dakota	817	656	80.3	98	12.0	63	7.7
Mountain	**13,742**	**9,358**	**68.1**	**4,092**	**29.8**	**292**	**2.1**
Arizona	2,221	1,588	71.5	592	26.7	41	1.8
Colorado	4,510	2,466	54.7	2,014	44.6	30	.7
Idaho	1,957	1,790	91.5	160	8.2	7	.3
Montana	812	523	64.4	284	35.0	5	.6
Nevada	802	695	86.6	96	12.0	11	1.4
New Mexico	1,515	1,094	72.2	278	18.4	143	9.4
Utah	1,551	1,033	66.6	465	30.0	53	3.4
Wyoming	374	169	45.2	203	54.3	2	.5
Pacific	**38,091**	**32,272**	**84.7**	**3,388**	**8.9**	**2,431**	**6.4**
Alaska	285	263	92.3	15	5.3	7	2.4
California	26,203	22,789	87.0	1,239	4.7	2,175	8.3
Hawaii	1,588	914	57.6	602	37.9	72	4.5
Oregon	3,001	2,522	84.1	397	13.2	82	2.7
Washington	7,014	5,784	82.5	1,135	16.2	95	1.3

Table 17A. Basis of original license of employed licensed practical or vocational nurses in each State and region, 1967

State and region	Total number	Examination		Waiver		Not reported	
		Number	Percent	Number	Percent	Number	Percent
United States							
Number	**252,522**	**183,759**	...	**61,944**	...	**6,819**	...
Percent	**100.0**	...	**72.8**	...	**24.5**	...	**2.7**
New England	**17,188**	**10,406**	**60.6**	**5,471**	**31.8**	**1,311**	**7.6**
Connecticut	3,549	2,982	84.0	410	11.6	157	4.4
Maine	655	487	74.4	126	19.2	42	6.4
Massachusetts	9,532	4,740	49.7	3,810	40.0	982	10.3
New Hampshire	932	474	50.9	363	38.9	95	10.2
Rhode Island	1,585	1,211	76.4	347	21.9	27	1.7
Vermont	935	512	54.8	415	44.4	8	.8
Middle Atlantic	**56,365**	**34,382**	**61.0**	**21,306**	**37.8**	**677**	**1.2**
New Jersey	7,464	4,131	55.3	3,110	41.7	223	3.0
New York	24,961	21,051	84.3	3,730	15.0	180	.7
Pennsylvania	23,940	9,200	38.4	14,466	60.4	274	1.2
South Atlantic	**32,846**	**23,836**	**72.6**	**8,257**	**25.1**	**753**	**2.3**
Delaware	640	306	47.8	331	51.7	3	.5
District of Columbia	2,090	1,014	48.5	1,050	50.2	26	1.3
Florida	8,753	6,870	78.5	1,519	17.3	364	4.2
Georgia	3,801	2,394	63.0	1,344	35.4	63	1.6
Maryland	3,025	2,854	94.4	137	4.5	34	1.1
North Carolina	5,229	3,476	66.5	1,700	32.5	53	1.0
South Carolina	2,183	1,635	74.9	362	16.6	186	8.5
Virginia	4,808	4,001	83.2	792	16.5	15	.3
West Virginia	2,317	1,286	55.5	1,022	44.1	9	.4
East South Central	**15,631**	**12,778**	**81.7**	**2,759**	**17.7**	**94**	**.6**
Alabama	4,263	3,516	82.5	723	16.9	24	.6
Kentucky	2,787	2,192	78.6	576	20.7	19	.7
Mississippi	2,912	1,764	60.6	1,140	39.1	8	.3
Tennessee	5,669	5,306	93.6	320	5.6	43	.8
West South Central	**31,602**	**24,016**	**76.0**	**7,233**	**22.9**	**353**	**1.1**
Arkansas	3,360	2,918	86.8	416	12.4	26	.8
Louisiana	5,032	3,981	79.1	1,028	20.4	23	.5
Oklahoma	2,973	1,893	63.7	791	26.6	289	9.7
Texas	20,237	15,224	75.2	4,998	24.7	15	.1
East North Central	**43,580**	**32,765**	**75.2**	**8,888**	**20.4**	**1,927**	**4.4**
Illinois	11,150	7,428	66.6	3,515	31.5	207	1.9
Indiana	2,997	2,616	87.3	352	11.7	29	1.0
Michigan	10,781	9,025	83.7	441	4.1	1,315	12.2
Ohio	14,683	10,048	68.4	4,346	29.6	289	2.0
Wisconsin	3,969	3,648	91.9	234	5.9	87	2.2
West North Central	**17,989**	**14,347**	**79.7**	**2,603**	**14.5**	**1,039**	**5.8**
Iowa	2,373	2,141	90.2	209	8.8	23	1.0
Kansas	1,801	1,257	69.8	134	7.4	410	22.8
Minnesota	4,964	4,784	96.4	102	2.0	78	1.6
Missouri	6,490	4,262	65.7	1,871	28.8	357	5.5
Nebraska	1,144	825	72.1	182	15.9	137	12.0
North Dakota	603	561	93.0	32	5.3	10	1.7
South Dakota	614	517	84.2	73	11.9	24	3.9
Mountain	**10,520**	**7,227**	**68.7**	**3,183**	**30.3**	**110**	**1.0**
Arizona	1,709	1,243	72.7	455	26.6	11	.7
Colorado	3,657	2,040	55.8	1,608	44.0	9	.2
Idaho	1,439	1,340	93.1	99	6.9	...	...
Montana	587	364	62.0	222	37.8	1	.2
Nevada	544	490	90.1	54	9.9	...	...
New Mexico	1,116	864	77.4	195	17.5	57	5.1
Utah	1,191	765	64.2	394	33.1	32	2.7
Wyoming	277	121	43.7	156	56.3	...	...
Pacific	**26,801**	**24,002**	**89.5**	**2,244**	**8.4**	**555**	**2.1**
Alaska	198	183	92.4	10	5.1	5	2.5
California	18,479	17,214	93.1	842	4.6	423	2.3
Hawaii	1,203	691	57.4	473	39.3	39	3.3
Oregon	2,164	1,864	86.1	245	11.3	55	2.6
Washington	4,757	4,050	85.1	674	14.2	33	.7

Table 18A. Basis of original license of inactive licensed practical or vocational nurses in each State and region, 1967

State and region	Total number	Examination		Waiver		Not reported	
		Number	Percent	Number	Percent	Number	Percent
United States							
Number	**69,189**	**49,839**	...	**16,644**	...	**2,706**	...
Percent	**100.0**	...	**72.0**	...	**24.1**	...	**3.9**
New England	**5,395**	**3,292**	**61.0**	**1,535**	**28.5**	**568**	**10.5**
Connecticut	683	568	83.2	97	14.2	18	2.6
Maine	327	243	74.3	58	17.7	26	8.0
Massachusetts	3,176	1,730	54.5	992	31.2	454	14.3
New Hampshire	388	209	53.9	132	34.0	47	12.1
Rhode Island	505	347	68.7	143	28.3	15	3.0
Vermont	316	195	61.7	113	35.8	8	2.5
Middle Atlantic	**19,090**	**12,738**	**66.7**	**5,973**	**31.3**	**379**	**2.0**
New Jersey	2,776	1,575	56.7	1,084	39.1	117	4.2
New York	9,436	7,563	80.2	1,704	18.0	169	1.8
Pennsylvania	6,878	3,600	52.3	3,185	46.3	93	1.4
South Atlantic	**6,986**	**4,806**	**68.8**	**1,914**	**27.4**	**266**	**3.8**
Delaware	149	90	60.4	56	37.6	3	2.0
District of Columbia	259	175	67.6	78	30.1	6	2.3
Florida	1,674	1,116	66.7	432	25.8	126	7.5
Georgia	1,046	573	54.8	425	40.6	48	4.6
Maryland	912	853	93.5	50	5.5	9	1.0
North Carolina	1,153	737	63.9	394	34.2	22	1.9
South Carolina	428	316	73.8	75	17.5	37	8.7
Virginia	959	745	77.7	204	21.3	10	1.0
West Virginia	406	201	49.5	200	49.3	5	1.2
East South Central	**3,159**	**2,551**	**80.8**	**572**	**18.1**	**36**	**1.1**
Alabama	805	669	83.1	128	15.9	8	1.0
Kentucky	666	510	76.6	145	21.8	11	1.6
Mississippi	533	336	63.0	194	36.4	3	.6
Tennessee	1,155	1,036	89.7	105	9.1	14	1.2
West South Central	**7,895**	**5,139**	**65.1**	**2,620**	**33.2**	**136**	**1.7**
Arkansas	664	499	75.1	160	24.1	5	.8
Louisiana	1,248	862	69.1	374	29.9	12	1.0
Oklahoma	713	432	60.6	181	25.4	100	14.0
Texas	5,270	3,346	63.5	1,905	36.1	19	.4
East North Central	**10,509**	**8,197**	**78.0**	**1,627**	**15.5**	**683**	**6.5**
Illinois	2,231	1,768	79.2	386	17.3	77	3.5
Indiana	620	529	85.3	72	11.6	19	3.1
Michigan	3,778	3,098	82.0	189	5.0	491	13.0
Ohio	3,307	2,278	68.9	947	28.6	82	2.5
Wisconsin	573	524	91.4	33	5.8	16	2.8
West North Central	**4,236**	**3,414**	**80.6**	**533**	**12.6**	**289**	**6.8**
Iowa	876	799	91.2	65	7.4	12	1.4
Kansas	503	333	66.2	71	14.1	99	19.7
Minnesota	1,158	1,099	94.9	28	2.4	31	2.7
Missouri	1,032	644	62.4	284	27.5	104	10.1
Nebraska	348	280	80.5	53	15.2	15	4.3
North Dakota	160	140	87.5	14	8.7	6	3.8
South Dakota	159	119	74.9	18	11.3	22	13.8
Mountain	**3,002**	**2,056**	**68.5**	**882**	**29.4**	**64**	**2.1**
Arizona	478	335	70.1	130	27.2	13	2.7
Colorado	809	404	49.9	398	49.2	7	.9
Idaho	510	448	87.8	59	11.9	3	.6
Montana	221	157	71.0	61	27.6	3	1.4
Nevada	246	204	82.9	41	16.7	1	.4
New Mexico	307	206	67.1	78	25.4	23	7.5
Utah	339	256	75.5	69	20.4	14	4.1
Wyoming	92	46	50.0	46	50.0	...	...
Pacific	**8,917**	**7,646**	**85.7**	**988**	**11.1**	**283**	**3.2**
Alaska	86	80	93.0	5	5.8	1	1.2
California	5,626	5,084	90.4	331	5.9	211	3.7
Hawaii	244	159	65.2	74	30.3	11	4.5
Oregon	818	651	79.6	146	17.8	21	2.6
Washington	2,143	1,672	78.0	432	20.2	39	1.8

Table 19A. Employed licensed practical or vocational nurses, by field of employment and age group, 1967

Age group	Total		Hospital		Nursing home		Private nursing		Public health		Industry		Physician's or dentist's office		Other		Not reported	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	**252,522**	**100.0**	**166,483**	**100.0**	**29,807**	**100.0**	**34,588**	**100.0**	**3,139**	**100.0**	**1,007**	**100.0**	**14,466**	**100.0**	**657**	**100.0**	**2,375**	**100.0**
Under 20	1,268	.5	1,155	.7	46	.2	17	(1)	5	.2	...	...	38	.3	5	.8	2	.1
20–24	31,940	12.7	26,325	15.8	2,160	7.2	701	2.0	262	8.3	75	7.4	2,201	15.2	62	9.4	154	6.5
25–29	23,671	9.4	17,842	10.7	2,199	7.4	1,239	3.6	289	9.2	75	7.4	1,811	12.5	75	11.4	141	5.9
30–34	19,710	7.8	14,254	8.6	2,121	7.1	1,476	4.3	263	8.4	66	6.6	1,349	9.3	45	6.8	136	5.7
35–39	23,491	9.3	16,351	9.8	2,647	8.9	2,109	6.1	391	12.4	119	11.8	1,645	11.4	55	8.4	174	7.3
40–44	25,920	10.3	17,608	10.6	2,945	9.9	2,709	7.8	414	13.2	122	12.1	1,853	12.8	68	10.4	201	8.5
45–49	29,085	11.5	19,232	11.5	3,480	11.7	3,658	10.6	401	12.8	156	15.5	1,874	13.0	66	10.0	218	9.2
50–54	30,938	12.3	19,611	11.8	4,012	13.4	4,758	13.8	425	13.5	139	13.8	1,662	11.5	74	11.3	257	10.8
55–59	26,855	10.6	15,915	9.6	3,741	12.6	5,325	15.4	319	10.2	116	11.5	1,014	7.0	82	12.5	343	14.5
60–64	17,506	6.9	8,924	5.4	2,687	9.0	4,854	14.0	166	5.3	72	7.2	483	3.3	56	8.5	264	11.1
65 and over	14,227	5.6	4,533	2.7	2,681	9.0	6,376	18.4	81	2.6	33	3.3	228	1.6	48	7.3	247	10.4
Not reported	7,911	3.1	4,733	2.8	1,088	3.6	1,366	4.0	123	3.9	34	3.4	308	2.1	21	3.2	238	10.0

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[1] Less than .1 percent.

Table 20A. Employed licensed practical or vocational nurses, by field of employment and marital status, 1967

Marital status	Total		Hospital		Nursing home		Private nursing		Public health		Industry		Physician's or dentist's office		Other		Not reported	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	**252,522**	100.0	**166,483**	100.0	**29,807**	100.0	**34,588**	100.0	**3,139**	100.0	**1,007**	100.0	**14,466**	100.0	**657**	100.0	**2,375**	100.0
Single	41,237	16.3	31,108	18.7	3,402	11.4	3,631	10.5	521	16.6	127	12.6	2,051	14.2	110	16.8	287	12.1
Married	146,862	58.2	97,536	58.6	17,718	59.4	17,482	50.6	1,823	58.1	659	65.5	10,007	69.2	379	57.7	1,258	53.0
Widowed	29,596	11.7	15,806	9.5	4,312	14.5	7,661	22.1	311	9.9	83	8.2	997	6.7	71	10.8	375	15.8
Divorced or separated	30,176	12.0	19,446	11.7	3,666	12.3	4,937	14.3	427	13.6	124	12.3	1,259	8.7	81	12.3	236	9.9
Not reported	4,651	1.8	2,587	1.5	709	2.4	877	2.5	57	1.8	14	1.4	172	1.2	16	2.4	219	9.2

Table 21A. Employed licensed practical or vocational nurses, by sex and field of employment, 1967

Field of employment	Total		Male		Female		Not reported	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	**252,522**	**100.0**	**6,910**	**100.0**	**245,326**	**100.0**	**286**	**100.0**
Hospital	166,483	65.9	4,915	71.1	161,419	65.8	149	52.1
Nursing home	29,807	11.8	700	10.1	29,061	11.9	46	16.1
Private nursing	34,588	13.7	875	12.7	33,652	13.7	61	21.3
Public health	3,139	1.3	108	1.6	3,028	1.2	3	1.0
Industry	1,007	.4	81	1.2	925	.4	1	.3
Office	14,466	5.7	68	1.0	14,389	5.9	9	3.2
Other	657	.3	65	.9	588	.2	4	1.4
Not reported	2,375	.9	98	1.4	2,264	.9	13	4.6

Table 22A. Employed licensed practical or vocational nurses, by sex, basis of original license, and field of employment, 1967

Field of employment	All employed nurses[1]							Female nurses							Male nurses						
	Total number	Examination		Waiver		Not reported		Total number	Examination		Waiver		Not reported		Total number	Examination		Waiver		Not reported	
		Number	Percent	Number	Percent	Number	Percent		Number	Percent	Number	Percent	Number	Percent		Number	Percent	Number	Percent	Number	Percent
Total																					
Number	**252,522**	**183,759**	...	**61,944**	...	**6,819**	...	**245,326**	**179,691**	...	**59,050**	...	**6,585**	...	**6,910**	**3,910**	...	**2,781**	...	**219**	...
Percent	**100.0**	...	**72.8**	...	**24.5**	...	**2.7**	**100.0**	...	**73.2**	...	**24.1**	...	**2.7**	**100.0**	...	**56.6**	...	**40.2**	...	**3.2**
Hospital	166,483	129,956	78.0	32,417	19.5	4,110	2.5	161,419	127,130	78.8	30,344	18.8	3,945	2.4	4,915	2,736	55.7	2,018	41.0	161	3.3
Nursing home	29,807	19,122	64.2	9,817	32.9	868	2.9	29,061	18,700	64.4	9,512	32.7	849	2.9	700	397	56.7	287	41.0	16	2.3
Private nursing	34,588	18,641	53.9	14,943	43.2	1,004	2.9	33,652	18,079	53.7	14,592	43.4	981	2.9	875	533	60.9	322	36.8	20	2.3
Pulbic health	3,139	2,540	80.9	521	16.6	78	2.5	3,028	2,485	82.1	471	15.5	72	2.4	108	54	50.0	48	44.4	6	5.6
Industry	1,007	703	69.8	264	26.2	40	4.0	925	651	70.4	234	25.3	40	4.3	81	51	63.0	30	37.0	...	...
Physician's or dentist's office	14,466	11,222	77.6	2,883	19.9	361	2.5	14,389	11,173	77.6	2,857	19.9	359	2.5	68	43	63.2	23	33.8	2	3.0
Other	657	463	70.5	173	26.3	21	3.2	588	410	69.7	158	26.9	20	3.4	65	52	80.0	12	18.5	1	1.5
Not reported	2,375	1,112	46.8	926	39.0	337	14.2	2,264	1,063	47.0	882	38.9	319	14.1	98	44	44.9	41	41.8	13	13.3

[1] Includes 286 nurses in category "sex not reported."

Table 23A. Field of employment of licensed practical or vocational nurses in each State and region, 1967

State and region	Total number	Hospital		Nursing home		Private nursing		Public health		Industry		Physician's or dentist's office		Other		Not reported	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States																	
Number	**252,522**	**166,483**	...	**29,807**	...	**34,588**	...	**3,139**	...	**1,007**	...	**14,466**	...	**657**	...	**2,375**	...
Percent	**100.0**	...	**65.9**	...	**11.8**	...	**13.7**	...	**1.3**	...	**.4**	...	**5.7**	..	**.3**	...	**.9**
New England	**17,188**	**10,593**	**61.6**	**3,779**	**22.0**	**1,719**	**10.0**	**265**	**1.5**	**91**	**.5**	**437**	2.6	**32**	**.2**	**272**	**1.6**
Connecticut	3,549	1,985	55.9	895	25.2	372	10.5	44	1.2	17	.5	167	4.7	6	.2	63	1.8
Maine	655	469	71.6	87	13.3	61	9.3	4	.6	...	...	23	3.5	2	.3	9	1.4
Massachusetts	9,532	5,790	60.7	2,200	23.1	975	10.2	172	1.8	55	.6	143	1.5	17	.2	180	1.9
New Hampshire	932	613	65.8	182	19.5	87	9.3	11	1.2	2	.2	29	3.1	1	.1	7	.8
Rhode Island	1,585	1,153	72.7	198	12.5	120	7.6	30	1.9	17	1.1	53	3.3	5	.3	9	.6
Vermont	935	583	62.4	217	23.2	104	11.1	4	.4	...	...	22	2.4	1	.1	4	.4
Middle Atlantic	**56,365**	**36,846**	**65.4**	**5,368**	**9.5**	**10,693**	**19.0**	**704**	**1.2**	**187**	**.3**	**1,789**	**3.2**	**115**	**.2**	**663**	**1.2**
New Jersey	7,464	4,434	59.4	779	10.4	1,743	23.4	56	.8	25	.3	272	3.6	8	.1	147	2.0
New York	24,961	16,202	64.9	3,103	12.5	4,197	16.8	449	1.8	98	.4	748	3.0	59	.2	105	.4
Pennsylvania	23,940	16,210	67.7	1,486	6.2	4,753	19.9	199	.8	64	.3	769	3.2	48	.2	411	1.7
South Atlantic	**32,846**	**21,206**	**64.6**	**2,879**	**8.8**	**5,360**	**16.3**	**358**	**1.1**	**108**	**.3**	**2,368**	**7.2**	**174**	**.5**	**393**	**1.2**
Delaware	640	373	58.3	60	9.4	149	23.3	15	2.3	3	.5	33	5.1	1	.2	6	.9
District of Columbia	2,090	1,471	70.4	107	5.1	345	16.5	108	5.2	2	.1	40	1.9	3	.1	14	.7
Florida	8,753	5,113	58.4	1,092	12.5	1,507	17.2	25	.3	15	.2	743	8.5	139	1.6	119	1.3
Georgia	3,801	2,210	58.1	485	12.8	580	15.2	58	1.5	25	.6	421	11.1	5	.3	17	.4
Maryland	3,025	2,260	74.7	188	6.2	392	13.0	36	1.2	15	.5	113	3.7	5	.2	16	.5
North Carolina	5,229	3,491	66.8	305	5.8	902	17.3	12	.2	13	.2	420	8.0	8	.2	78	1.5
South Carolina	2,183	1,429	65.5	192	8.8	275	12.6	21	1.0	12	.5	158	7.2	5	.2	91	4.2
Virginia	4,808	3,241	67.4	360	7.5	780	16.2	65	1.4	15	.3	299	6.2	5	.1	43	.9
West Virginia	2,317	1,618	69.8	90	3.9	430	18.6	18	.8	8	.3	141	6.1	3	.1	9	.4
East South Central	**15,631**	**10,553**	**67.5**	**1,328**	**8.5**	**2,152**	**13.8**	**107**	**.7**	**110**	**.7**	**1,141**	**7.3**	**13**	**.1**	**227**	**1.4**
Alabama	4,263	2,821	66.2	639	15.0	473	11.1	9	.2	16	.4	293	6.9	1	(1)	11	.2
Kentucky	2,787	1,949	69.9	224	8.0	376	13.5	17	.6	27	1.0	182	6.5	4	.2	8	.3
Mississippi	2,912	1,920	65.9	141	4.8	412	14.1	20	.7	11	.4	212	7.3	5	.2	191	6.6
Tennessee	5,669	3,863	68.1	324	5.7	891	15.7	61	1.1	56	1.0	454	8.0	3	.1	17	.3
West South Central	**31,602**	**19,714**	**62.4**	**3,826**	**12.1**	**4,705**	**14.9**	**378**	**1.2**	**90**	**.3**	**2,674**	**8.5**	**44**	**.1**	**171**	**.5**
Arkansas	3,360	2,273	67.7	319	9.5	392	11.7	48	1.4	27	.8	280	8.3	8	.2	13	.4
Louisiana	5,032	2,914	57.9	579	11.5	1,040	20.7	51	1.0	11	.2	415	8.2	9	.2	13	.3
Oklahoma	2,973	1,845	62.0	439	14.8	361	12.1	62	2.1	15	.5	223	7.5	5	.2	23	.8
Texas	20,237	12,682	62.6	2,489	12.3	2,912	14.4	217	1.1	37	.2	1,756	8.7	22	.1	122	.6
East North Central	**43,580**	**29,426**	**67.5**	**5,515**	**12.6**	**4,928**	**11.3**	**649**	**1.5**	**255**	**.6**	**2,492**	**5.7**	**70**	**.2**	**245**	**.6**
Illinois	11,150	7,025	63.0	1,731	15.5	1,536	13.8	275	2.5	68	.6	430	3.8	19	.2	66	.6
Indiana	2,997	2,058	68.7	333	11.1	352	11.8	22	.7	25	.8	184	6.1	3	.1	20	.7
Michigan	10,781	8,365	77.6	853	7.9	428	4.0	124	1.1	60	.6	865	8.0	12	.1	74	.7
Ohio	14,683	8,977	61.1	2,083	14.2	2,457	16.7	187	1.3	71	.5	795	5.4	31	.2	82	.6
Wisconsin	3,969	3,001	75.6	515	13.0	155	3.9	41	1.0	31	.8	218	5.5	5	.1	3	.1
West North Central	**17,989**	**12,174**	**67.7**	**2,423**	**13.5**	**1,882**	**10.5**	**164**	**.9**	**64**	**.3**	**1,145**	**6.4**	**25**	**.1**	**112**	**.6**
Iowa	2,373	1,465	61.7	544	22.9	151	6.4	22	.9	5	.2	169	7.1	1	.1	16	.7
Kansas	1,801	1,297	72.0	188	10.4	206	11.4	7	.4	4	.2	88	4.9	1	.1	10	.6
Minnesota	4,964	3,664	73.8	665	13.4	203	4.1	48	1.0	11	.2	354	7.1	4	.1	15	.3
Missouri	6,490	4,068	62.7	698	10.8	1,217	18.7	51	.8	39	.6	346	5.3	14	.2	57	.9
Nebraska	1,144	783	68.5	165	14.4	85	7.4	10	.9	5	.4	87	7.6	3	.3	6	.5
North Dakota	603	478	79.3	65	10.8	8	1.3	6	1.0	...	...	39	6.5	1	.1	6	1.0
South Dakota	614	419	68.2	98	16.0	12	2.0	20	3.2	...	...	62	10.1	1	.2	2	.3

Table 23A. Field of employment of licensed practical or vocational nurses in each State and region, 1967—Continued

State and region	Total number	Hospital		Nursing home		Private nursing		Public health		Industry		Physician's or dentist's office		Other		Not reported	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mountain	**10,520**	**7,000**	**66.5**	**1,550**	**14.7**	**971**	**9.2**	**197**	**1.9**	**6**	**.1**	**659**	**6.3**	**82**	**.8**	**55**	**.5**
Arizona	1,709	1,160	67.9	110	6.4	266	15.6	52	3.0	1	.1	89	5.2	27	1.6	4	.2
Colorado	3,657	2,079	56.8	867	23.7	412	11.3	36	1.0	2	.1	187	5.1	42	1.1	32	.9
Idaho	1,439	1,048	72.8	204	14.2	48	3.3	31	2.2	2	.1	100	7.0	4	.3	2	.1
Montana	587	429	73.1	75	12.8	37	6.3	16	2.7	...	...	26	4.5	2	.3	2	.3
Nevada	544	430	79.0	31	5.7	24	4.4	3	.6	...	...	52	9.6	...	...	4	.7
New Mexico	1,116	773	69.3	89	8.0	109	9.8	53	4.7	...	...	83	7.4	6	.5	3	.3
Utah	1,191	880	73.9	133	11.1	50	4.2	5	.4	1	.1	113	9.5	1	.1	8	.7
Wyoming	277	201	72.6	41	14.8	25	9.0	1	.4	...	...	9	3.2	...	...	...	...
Pacific	**26,801**	**18,971**	**70.8**	**3,139**	**11.7**	**2,178**	**8.1**	**317**	**1.2**	**96**	**.3**	**1,761**	**6.6**	**102**	**.4**	**237**	**.9**
Alaska	198	137	69.2	5	2.5	4	2.0	41	20.7	...	...	5	2.5	2	1.1	4	2.0
California	18,479	13,175	71.3	1,981	10.7	1,579	8.5	197	1.1	63	.3	1,285	7.0	89	.5	110	.6
Hawaii	1,203	932	77.5	31	2.6	59	4.9	9	.8	10	.8	146	12.1	...	...	16	1.3
Oregon	2,164	1,535	70.9	229	13.8	134	6.2	38	1.7	10	.5	125	5.8	8	.4	15	.7
Washington	4,757	3,192	67.1	823	17.3	402	8.5	32	.7	13	.3	200	4.2	3	.1	92	1.9

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[1] Less than .1 percent.

Table 24A. Field of employment of licensed practical or vocational nurses originally licensed by waiver, in each State and region, 1967

State and region	Total number	Hospital		Nursing home		Private nursing		Public health		Industry		Physician's or dentist's office		Other		Not reported	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Perdent	Number	Percent	Number	Percent	Number	Percent
United States																	
Number	**61,944**	**32,417**	...	**9,817**	...	**14,943**	...	**521**	...	**264**	...	**2,883**	...	**173**	...	**926**	...
Percent	**100.0**	...	**52.3**	...	**15.9**	...	**24.1**	...	**.8**	...	**.4**	...	**4.7**	...	**.3**	...	**1.5**
New England	**5,471**	**2,734**	**50.0**	**1,636**	**29.9**	**796**	**14.6**	**84**	**1.5**	**37**	**.7**	**89**	**1.6**	**11**	**.2**	**84**	**1.5**
Connecticut	410	141	34.4	150	36.6	89	21.7	3	.7	4	1.0	18	4.4	2	.5	3	.7
Maine	126	67	53.2	28	22.2	22	17.4	3	2.4	...	...	3	2.4	1	.8	2	1.6
Massachusetts	3,810	1,954	51.3	1,150	30.2	500	13.1	69	1.8	22	.6	41	1.1	4	.1	70	1.8
New Hampshire	363	199	54.8	95	26.2	48	13.2	4	1.1	1	.3	11	3.0	1	3	4	1.1
Rhode Island	347	161	46.4	90	25.9	67	19.3	3	.9	10	2.9	11	3.2	3	.9	2	.5
Vermont	415	212	51.1	123	29.6	70	16.9	2	.5	...	...	5	1.2	...	...	3	.7
Middle Atlantic	**21,306**	**12,223**	**57.4**	**2,313**	**10.9**	**5,629**	**26.4**	**116**	**.5**	**71**	**.3**	**495**	**2.3**	**44**	**.2**	**415**	**2.0**
New Jersey	3,110	1,456	46.8	447	14.4	1,048	33.7	10	.3	15	.5	64	2.1	4	.1	66	2.1
New York	3,730	1,862	49.9	641	17.2	1,060	28.4	33	.9	22	.6	81	2.2	9	.2	22	.6
Pennsylvania	14,466	8,905	61.6	1,225	8.5	3,521	24.3	73	.5	34	.2	350	2.4	31	.2	327	2.3
South Atlantic	**8,257**	**4,011**	**48.6**	**993**	**12.0**	**2,355**	**28.5**	**77**	**.9**	**29**	**.4**	**655**	**7.9**	**32**	**.4**	**105**	**1.3**
Delaware	331	152	45.9	42	12.7	114	34.5	3	.9	3	.9	14	4.2	...	...	3	.9
District of Columbia	1,050	701	66.7	83	7.9	215	20.5	26	2.5	1	.1	15	1.4	1	.1	8	.8
Florida	1,519	619	40.8	261	17.2	443	29.2	3	.2	...	...	149	9.8	25	1.6	19	1.2
Georgia	1,344	620	46.1	223	16.6	289	21.5	18	1.3	11	.8	172	12.8	2	.2	9	.7
Maryland	137	73	53.3	12	8.8	40	29.2	5	3.6	...	...	5	3.6	...	...	2	1.5
North Carolina	1,700	837	49.2	159	9.4	523	30.8	4	.2	4	.2	150	8.8	1	.1	22	1.3
South Carolina	362	133	36.7	47	13.0	113	31.2	5	1.4	3	.8	30	8.3	2	.6	29	8.0
Virginia	792	332	41.9	90	11.4	302	38.2	9	1.1	5	.6	46	5.8	...	...	8	1.0
West Virginia	1,022	544	53.2	76	7.4	316	30.9	4	.4	2	.2	74	7.3	1	.1	5	.5

Table 24A. Field of employment of licensed practical or vocational nurses originally licensed by waiver, in each State and region, 1967 —Continued

State and region	Total number	Hospital		Nursing home		Private nursing		Public health		Industry		Physician's or dentist's office		Other		Not reported	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
East South Central	**2,759**	**1,515**	**54.9**	**241**	**8.7**	**639**	**23.2**	**17**	**.6**	**24**	**.9**	**224**	**8.1**	**2**	**.1**	**97**	**3.5**
Alabama	723	451	62.4	87	12.0	101	13.9	4	.6	4	.6	75	10.4	...	...	1	.1
Kentucky	576	299	51.9	54	9.4	176	30.6	3	.5	10	1.8	30	5.2	2	.3	2	.3
Mississippi	1,140	621	54.5	71	6.2	256	22.4	8	.7	4	.4	87	7.6	...	...	93	8.2
Tennesse	320	144	45.0	29	9.1	106	33.1	2	.6	6	1.9	32	10.0	...	...	1	.3
West South Central	**7,233**	**3,270**	**45.2**	**1,110**	**15.4**	**2,023**	**28.0**	**67**	**.9**	**24**	**.3**	**658**	**9.1**	**14**	**.2**	**67**	**.9**
Arkansas	416	165	39.6	49	11.8	145	34.8	4	1.0	6	1.4	39	9.4	4	1.0	4	1.0
Louisiana	1,028	380	36.9	157	15.3	396	38.5	4	.4	2	.2	83	8.1	1	.1	5	.5
Oklahoma	791	436	55.1	122	15.4	149	18.8	14	1.8	6	.8	49	6.2	4	.5	11	1.4
Texas	4,998	2,289	45.8	782	15.7	1,333	26.7	45	.9	10	.2	487	9.7	5	.1	47	.9
East North Central	**8,888**	**4,344**	**48.9**	**2,031**	**22.8**	**1,958**	**22.0**	**114**	**1.3**	**47**	**.5**	**299**	**3.4**	**18**	**.2**	**77**	**.9**
Illinois	3,515	1,837	52.3	876	24.9	598	17.0	49	1.4	10	.3	116	3.3	3	.1	26	.7
Indiana	352	184	52.3	40	11.4	104	29.5	2	.6	6	1.7	10	2.8	1	.3	5	1.4
Michigan	441	309	70.1	48	10.9	47	10.7	5	1.1	6	1.4	23	5.2	2	.4	1	.2
Ohio	4,346	1,847	42.5	1,031	23.7	1,184	27.3	58	1.3	25	.6	145	3.3	12	.3	44	1.0
Wisconsin	234	167	71.4	36	15.4	25	10.7	...	...	...	...	5	2.1	...	...	1	.4
West North Central	**2,603**	**1,387**	**53.3**	**401**	**15.4**	**639**	**24.5**	**17**	**.7**	**9**	**.3**	**116**	**4.5**	**7**	**.3**	**27**	**1.0**
Iowa	209	108	51.7	62	29.7	29	13.9	2	.9	...	...	6	2.9	...	...	2	.9
Kansas	134	73	54.5	15	11.2	38	28.4	...	...	...	...	7	5.2	...	...	1	.7
Minnesota	102	61	59.8	20	19.6	16	15.6	2	2.0	...	...	2	2.0	1	1.0	...	...
Missouri	1,871	960	51.3	260	13.9	525	28.1	12	.6	9	.5	81	4.3	5	.3	19	1.0
Nebraska	182	106	58.3	27	14.8	28	15.4	...	...	...	...	16	8.8	1	.5	4	2.2
North Dakota	32	28	87.5	3	9.4	...	...	...	...	...	...	1	3.1	...	...	...	...
South Dakota	73	51	69.8	14	19.2	3	4.1	1	1.4	...	...	3	4.1	...	...	1	1.4
Mountain	**3,183**	**1,598**	**50.2**	**768**	**24.1**	**548**	**17.2**	**18**	**.6**	**1**	**([1])**	**192**	**6.1**	**39**	**1.2**	**19**	**.6**
Arizona	455	229	50.3	51	11.2	131	28.8	3	.7	...	...	26	5.7	14	3.1	1	.2
Colorado	1,608	650	40.4	534	33.2	296	18.4	4	.3	...	...	86	5.4	23	1.4	15	.9
Idaho	99	57	57.5	15	15.2	10	10.1	2	2.0	...	...	15	15.2	...	...	...	...
Montana	222	143	64.4	34	15.3	27	12.2	2	.9	...	...	14	6.3	2	.9	...	...
Nevada	53	42	77.7	1	1.9	4	7.4	1	1.9	...	...	5	9.2	...	...	1	1.9
New Mexico	195	109	55.9	27	13.9	32	16.4	3	1.5	...	...	24	12.3	...	...	...	...
Utah	394	264	67.0	79	20.0	29	7.4	3	.8	1	.2	16	4.1	...	...	2	.5
Wyoming	156	104	66.7	27	17.3	19	12.2	...	...	...	...	6	3.8	...	...	...	...
Pacific	**2,244**	**1,335**	**59.5**	**324**	**14.4**	**356**	**15.9**	**11**	**.5**	**22**	**1.0**	**155**	**6.9**	**6**	**.3**	**35**	**1.5**
Alaska	10	6	60.0	...	...	1	10.0	2	20.0	...	...	...	...	1	10.0	...	...
California	842	502	59.6	97	11.5	178	21.2	2	.2	6	.7	45	5.3	4	.5	8	1.0
Hawaii	473	344	72.7	11	2.3	25	5.3	3	.6	10	2.1	73	15.5	...	...	7	1.5
Oregon	245	143	58.4	39	15.9	41	16.8	2	.8	3	1.2	13	5.3	1	.4	3	1.2
Washington	674	340	50.4	177	26.3	111	16.5	2	.3	3	.4	24	3.6	...	...	17	2.5

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[1] Less than .1 percent.

APPENDIX B COUNTY DATA

DISTRIBUTION OF LICENSED PRACTICAL NURSES AND RATIO OF EMPLOYED PER 100,000 POPULATION BY COUNTY AND STATE, 1967

State and county	Population (in hundreds)	All licensed practical nurses				Estimated employed	
		Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
ALABAMA							
AUTAUGA	236	22	18	4		18	76
BALDWIN	582	54	42	12		42	72
BARBOUR	247	15	7	5	3	9	36
BIBB	147	12	8	3	1	9	61
BLOUNT	259	30	26	2	2	28	108
BULLOCK	133	6	3	3		3	23
BUTLER	238	22	20	2		20	84
CALHOUN	1,007	162	130	29	3	132	131
CHAMBERS	375	62	46	12	4	49	131
CHEROKEE	160	22	17	4	1	18	113
CHILTON	260	37	31	6		31	119
CHOCTAW	181	14	11	3		11	61
CLARKE	266	6	5		1	6	23
CLAY	125	11	10	1		10	80
CLEBURNE	109	4	4			4	37
COFFEE	322	38	33	5		33	102
COLBERT	518	110	87	19	4	90	174
CONECUH	171	14	12	2		12	70
COOSA	106	5	5			5	47
COVINGTON	360	40	33	6	1	34	94
CRENSHAW	140	15	13	2		13	93
CULLMAN	489	63	51	10	2	53	108
DALE	338	161	129	24	8	136	402
DALLAS	564	70	61	5	4	65	115
DE KALB	426	30	21	8	1	22	52
ELMORE	328	35	30	4	1	31	95
ESCAMBIA	352	29	23	5	1	24	68
ETOWAH	1,002	163	130	26	7	136	136
FAYETTE	168	23	21	2		21	125
FRANKLIN	232	57	51	6		51	220
GENEVA	218	28	23	2	3	26	119
GREENE	131	6	4	1	1	5	38
HALE	184	9	5	1	3	7	38
HENRY	147	21	16	4	1	17	116
HOUSTON	568	21	16	4	1	17	30
JACKSON	382	47	38	5	4	42	110
JEFFERSON	6,800	1,370	1,122	179	69	1,181	174
LAMAR	146	17	12	5		12	82
LAUDERDALE	689	201	161	36	4	164	238
LAWRENCE	267	17	10	6	1	11	41
LEE	550	50	35	13	2	36	65
LIMESTONE	401	42	35	7		35	87
LOWNDES	138	1	1			1	7
MACON	251	33	29	3	1	30	120
MADISON	1,849	216	149	59	8	155	84
MARENGO	271	18	16	2		16	59
MARION	223	37	32	3	2	34	152
MARSHALL	550	94	82	9	3	85	155
MOBILE	3,557	591	470	103	18	485	136

MONROE	218	12	10	1	1	11	50
MONTGOMERY	1,851	267	221	35	11	230	124
MORGAN	749	214	168	40	6	173	231
PERRY	172	8	7	1		7	41
PICKENS	211	7	5	2		5	24
PIKE	260	27	22	4	1	23	88
RANDOLPH	190	18	16	1	1	17	89
RUSSELL	476	21	12	8	1	13	27
ST CLAIR	262	47	42	5		42	160
SHELBY	343	42	38	4		38	111
SUMTER	190	12	10	1	1	11	58
TALLEDEGA	685	56	45	9	2	47	69
TALLAPOOSA	358	41	38	2	1	39	109
TUSCALOOSA	1,196	206	178	20	8	185	15[illegible]
WALKER	575	81	65	13	3	67	117
WASHINGTON	158	13	11	2		11	70
WILCOX	170	6	3	1	2	5	29
WINSTON	154	25	22	3		22	143
COUNTY NOT IDENT.		1		1			
OUT OF STATE RES.		16	16			16	
State totals	**35,381**	**5,271**	**4,263**	**805**	**203**	**4,437**	**125**
ARIZONA							
APACHE	417	48	39	8	1	40	96
COCHISE	570	68	44	21	3	46	81
COCONINO	544	40	21	18	1	22	40
GILA	302	32	25	7		25	83
GRAHAM	163	14	10	3	1	11	67
GREENLEE	117	2		2			
MARICOPA	8,956	1,185	929	244	12	939	105
MOHAVE	161	17	11	6		11	68
NAVAJO	479	66	46	19	1	47	98
PIMA	3,343	540	416	115	9	423	127
PINAL	656	50	36	13	1	37	56
SANTA CRUZ	138	2	1	1		1	7
YAVAPAI	337	45	36	9		36	107
YUMA	577	79	66	9	4	70	121
COUNTY NOT IDENT.		4		3	1		
OUT OF STATE RES.		29	29			29	
State totals	**16,760**	**2,221**	**1,709**	**478**	**34**	**1,737**	**104**
ARKANSAS							
ARKANSAS	257	37	30	6	1	31	121
ASHLEY	255	13	8	5		8	31
BAXTER	111	26	21	5		21	189
BENTON	441	86	66	17	3	68	154
BOONE	172	47	41	5	1	42	244
BRADLEY	138	47	42	4	1	43	312
CALHOUN	56	4	2	2		2	36
CARROLL	118	3	2	1		2	17
CHICOT	203	13	8	2	3	10	49
CLARK	221	34	25	8	1	26	118
CLAY	211	21	17	3	1	18	85
CLEBURNE	87	10	5	4	1	6	69
CLEVELAND	70	24	20	3	1	21	300
COLUMBIA	266	47	41	3	3	44	165
CONWAY	156	21	18	2	1	19	122
CRAIGHEAD	522	145	120	22	3	123	236
CRAWFORD	259	40	33	7		33	127

State and county	Population (in hundreds)	All licensed practical nurses				Estimated employed	
		Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
ARKANSAS—Continued							
CRITTENDEN	531	70	57	12	1	58	109
CROSS	194	29	25	4		25	129
DALLAS	102	36	32	4		32	314
DESHA	203	21	19	2		19	94
DREW	171	11	9	2		9	53
FAULKNER	311	50	39	11		39	125
FRANKLIN	112	10	7	3		7	63
FULTON	68	12	7	4	1	8	118
GARLAND	500	192	152	37	3	154	308
GRANT	100	14	7	7		7	70
GREENE	248	60	51	7	2	53	214
HEMPSTEAD	195	60	49	9	2	51	262
HOT SPRING	213	68	51	15	2	53	249
HOWARD	100	24	21	3		21	210
INDEPENDENCE	217	72	58	13	1	59	272
IZARD	66	5	3	2		3	45
JACKSON	217	47	41	5	1	42	194
JEFFERSON	905	249	202	38	9	210	232
JOHNSON	127	6	4	1	1	5	39
LAFAYETTE	105	9	8	1		8	76
LAWRENCE	169	32	27	3	2	29	172
LEE	220	7	6	1		6	27
LINCOLN	149	4	3	1		3	20
LITTLE RIVER	97	16	13	3		13	134
LOGAN	178	14	13	1		13	73
LONOKE	257	19	14	5		14	54
MADISON	101	8	7	1		7	69
MARION	59	12	10	2		10	169
MILLER	324	3	1	2		1	3
MISSISSIPPI	759	68	57	10	1	58	76
MONROE	190	12	11	1		11	58
MONTGOMERY	53	4	3	1		3	57
NEVADA	102	28	20	7	1	21	206
NEWTON	60	5	2	3		2	33
OUACHITA	301	152	120	30	2	122	405
PERRY	50	3	3			3	60
PHILLIPS	465	80	72	6	2	74	159
PIKE	82	9	8	1		8	98
POINSETT	318	26	19	6	1	20	63
POLK	103	12	9	3		9	87
POPE	277	19	13	5	1	14	51
PRAIRIE	105	5	3	2		3	29
PULASKI	2,938	975	783	164	28	806	274
RANDOLPH	120	21	17	4		17	142
ST FRANCIS	347	43	36	6	1	37	107
SALINE	337	72	49	17	6	53	157
SCOTT	80	8	4	4		4	50
SEARCY	80	6	6			6	75
SEBASTIAN	829	210	185	19	6	190	229
SEVIER	123	41	31	9	1	32	260
SHARP	68	4	4			4	59
STONE	61	9	7	2		7	115
UNION	482	157	135	19	3	138	286
VAN BUREN	81	9	9			9	111
WASHINGTON	727	153	126	26	1	127	175

WHITE	386	68	53	15		53	137
WOODRUFF	138	9	6	2	1	7	51
YELL	136	23	19	4		19	140
COUNTY NOT IDENT.		4			4		
OUT OF STATE RES.		115	115			115	
State totals	**19,580**	**4,128**	**3,360**	**664**	**104**	**3,448**	**176**
CALIFORNIA							
ALAMEDA	10,583	1,841	1,331	370	140	1,440	136
ALPINE	4	1	1			1	250
AMADOR	126	27	17	10		17	135
BUTTE	1,015	352	252	73	27	273	269
CALAVERAS	121	61	52	4	5	57	471
COLUSA	129	42	34	6	2	36	279
CONTRA COSTA	5,400	805	589	178	38	618	114
DEL NORTE	181	6	3	1	2	5	28
ELDORADO	486	40	23	12	5	26	53
FRESNO	4,207	531	406	95	30	430	102
GLENN	191	12	6	6		6	31
HUMBOLDT	1,093	192	138	43	11	146	134
IMPERIAL	788	85	65	16	4	68	86
INYO	149	7	5	2		5	34
KERN	3,384	369	245	95	29	266	79
KINGS	683	90	58	20	12	67	98
LAKE	187	46	31	13	2	32	171
LASSEN	175	19	14	5		14	80
LOS ANGELES	70,270	8,676	6,196	1,624	856	6,874	98
MADERA	450	57	41	12	4	44	98
MARIN	1,987	178	111	56	11	118	59
MARIPOSA	63	13	6	7		6	95
MENDOCINO	522	94	67	18	9	74	142
MERCED	1,098	135	98	32	5	102	93
MODOC	77	9	7	2		7	91
MONO	49	18	11	6	1	12	245
MONTEREY	2,328	271	181	72	18	194	83
NAPA	777	315	216	83	16	228	293
NEVADA	255	95	72	16	7	78	306
ORANGE	12,746	1,235	810	348	77	864	68
PLACER	761	133	102	22	9	109	143
PLUMAS	118	16	12	4		12	102
RIVERSIDE	4,414	605	440	131	34	466	106
SACRAMENTO	6,305	949	676	209	64	725	115
SAN BENITO	178	17	12	4	1	13	73
SAN BERNARDINO	6,660	856	544	254	58	584	88
SAN DIEGO	12,538	1,704	1,165	414	125	1,257	100
SAN FRANCISCO	7,266	1,234	879	238	117	971	134
SAN JOAQUIN	2,833	617	461	115	41	494	174
SAN LUIS OBISPO	1,044	106	71	27	8	77	74
SAN MATEO	5,556	660	447	167	46	480	86
SANTA BARBARA	2,526	334	240	76	18	254	101
SANTA CLARA	9,775	906	616	220	70	668	68
SANTA CRUZ	1,129	209	159	42	8	165	146
SHASTA	789	164	114	41	9	121	153
SIERRA	26	3	2	1		2	77
SISKIYOU	349	39	25	12	2	26	74
SOLANO	1,677	92	61	25	6	65	39
SONOMA	1,878	283	196	62	25	215	114
STANISLAUS	1,815	435	304	81	50	344	190
SUTTER	407	115	89	21	5	93	229
TEHAMA	286	39	30	6	3	32	112
TRINITY	89	5	3	2		3	34

State and county	Population (in hundreds)	All licensed practical nurses Total	Employed	Not employed	No answer	Estimated employed Number (adjusted fig.)	Nurse-population ratio
CALIFORNIA—Continued							
TULARE	1,927	292	198	59	35	225	117
TUOLUMNE	210	52	42	8	2	44	210
VENTURA	3,296	358	222	118	18	234	71
YOLO	837	93	62	19	12	71	85
YUBA	464	105	79	21	5	83	179
COUNTY NOT IDENT.		20	2	2	16	10	
OUT OF STATE RES.		140	140			140	
State totals	**194,677**	**26,203**	**18,479**	**5,626**	**2,098**	**20,091**	**103**
COLORADO							
ADAMS	1,642	345	270	69	6	275	167
ALAMOSA	98	7	5	2		5	51
ARAPAHOE	1,389	197	169	26	2	171	124
ARCHULETA	26	1		1			
BACA	61	5	4	1		4	66
BENT	65	22	15	7		15	231
BOULDER	1,099	269	205	63	1	206	187
CHAFFEE	96	18	9	8	1	10	104
CHEYENNE	26	6	6			6	231
CLEAR CREEK	34	1		1			
CONEJOS	80	6	4	1	1	5	63
COSTILLA	33	1	1			1	30
CROWLEY	34	2	2			2	59
CUSTER	12	1	1			1	83
DELTA	149	31	27	3	1	28	188
DENVER	5,030	1,221	1,034	167	20	1,051	209
DOLORES	17						
DOUGLAS	64	5	5			5	78
EAGLE	54	5	4	1		4	74
ELBERT	35	2	2			2	57
EL PASO	1,994	415	324	86	5	328	164
FREMONT	213	73	61	12		61	286
GARFIELD	138	24	18	5	1	19	138
GILPIN	8	2	2			2	250
GRAND	36	2	1	1		1	28
GUNNISON	63	2		2			
HINSDALE	2						
HUERFANO	75	10	9	1		9	120
JACKSON	16						
JEFFERSON	2,162	306	246	59	1	247	114
KIOWA	21	5	4	1		4	190
KIT CARSON	72	10	10			10	139
LAKE	87	7	4	2	1	5	57
LA PLATA	181	62	52	8	2	54	298
LARIMER	689	202	178	24		178	258
LAS ANIMAS	156	60	53	7		53	340
LINCOLN	48	9	6	3		6	125
LOGAN	197	50	43	7		43	218
MESA	540	176	146	30		146	270
MINERAL	4	1		1			
MOFFAT	69	12	7	5		7	101
MONTEZUMA	134	19	13	6		13	97
MONTROSE	196	36	30	6		30	153

MORGAN	193	48	43	5		43	223
OTERO	240	59	53	6		53	221
OURAY	16	1		1			
PARK	15	4	2	2		2	133
PHILLIPS	42	17	12	5		12	286
PITKIN	32	2	2			2	63
PROWERS	128	18	15	3		15	117
PUEBLO	1,290	502	355	146	1	356	276
RIO BLANCO	50	9	9			9	180
RIO GRANDE	113	13	11	2		11	97
ROUTT	58	9	7	2		7	121
SAGUACHE	43	4	3	1		3	70
SAN JUAN	9	1		1			
SAN MIGUEL	19						
SEDGWICK	37	9	9			9	243
SUMMIT	17						
TELLER	30	15	14	1		14	467
WASHINGTON	59	16	14	2		14	237
WELD	777	85	72	12	1	73	94
YUMA	79	29	28	1		28	354
COUNTY NOT IDENT.		3		3			
OUT OF STATE RES.		38	38			38	
State totals	**20,383**	**4,510**	**3,657**	**809**	**44**	**3,696**	**181**
CONNECTICUT							
FAIRFIELD	7,739	946	748	169	29	772	100
HARTFORD	7,954	1,072	873	161	38	905	114
LITCHFIELD	1,363	212	164	39	9	171	125
MIDDLESEX	1,080	237	200	28	9	208	193
NEW HAVEN	7,365	1,249	1,047	163	39	1,081	147
NEW LONDON	2,214	331	246	70	15	258	117
TOLLAND	918	138	102	29	7	107	117
WINDHAM	792	149	119	23	7	125	158
COUNTY NOT IDENT.		2		1	1		
OUT OF STATE RES.		50	50			50	
State totals	**29,425**	**4,386**	**3,549**	**683**	**154**	**3,677**	**125**
DELAWARE							
KENT	797	73	58	15		58	73
NEW CASTLE	3,644	596	479	109	8	486	133
SUSSEX	770	105	79	22	4	82	106
COUNTY NOT IDENT.		5		3	2		
OUT OF STATE RES.		24	24			24	
State totals	**5,211**	**803**	**640**	**149**	**14**	**650**	**125**
DISTRICT OF COLUMBIA							
DIST OF COLUMBIA	8,103	2,241	1,900	259	82	1,972	243
OUT OF STATE RES.		190	190			190	
State totals	**8,103**	**2,431**	**2,090**	**259**	**82**	**2,162**	**267**
FLORIDA							
ALACHUA	933	214	173	18	23	194	208
BAKER	84	7	4	2	1	5	60
BAY	735	119	86	17	16	99	135
BRADFORD	130	11	6	2	3	8	62
BREVARD	2,190	265	168	70	27	187	85

State and county	Population (in hundreds)	All licensed practical nurses				Estimated employed	
		Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
FLORIDA—Continued							
BROWARD	4,735	783	547	137	99	626	132
CALHOUN	79	16	12	2	2	14	177
CHARLOTTE	205	48	23	15	10	29	141
CITRUS	131	11	6	3	2	7	53
CLAY	230	35	23	9	3	25	109
COLLIER	294	38	26	6	6	31	105
COLUMBIA	246	42	31	6	5	35	142
DADE	11,391	1,825	1,393	213	219	1,583	139
DE SOTO	135	18	13	3	2	15	111
DIXIE	51	1	1			1	20
DUVAL	5,290	970	779	115	76	845	160
ESCAMBIA	2,045	471	364	61	46	403	197
FLAGLER	53	6	6			6	113
FRANKLIN	75	9	5	3	1	6	80
GADSDEN	448	62	51	5	6	56	125
GILCHRIST	33	4	2	1	1	3	91
GLADES	40	1			1		
GULF	96	16	9	2	5	13	135
HAMILTON	80	2	2			2	25
HARDEE	143	24	17	4	3	19	133
HENDRY	122	9	6	2	1	7	57
HERNANDO	135	46	27	14	5	30	222
HIGHLANDS	257	60	48	8	4	51	198
HILLSBOROUGH	4,643	1,064	865	109	90	945	204
HOLMES	114	8	7	1		7	61
INDIAN RIVER	339	42	30	6	6	35	103
JACKSON	369	60	42	10	8	48	130
JEFFERSON	96	17	14	2	1	15	156
LAFAYETTE	29	3	2	1		2	69
LAKE	644	95	67	14	14	79	123
LEE	789	113	74	29	10	81	103
LEON	890	188	133	31	24	152	171
LEVY	121	25	19	4	2	21	174
LIBERTY	29	9	8	1		8	276
MADISON	148	13	9	1	3	12	81
MANATEE	836	202	161	21	20	179	214
MARION	655	76	56	13	7	62	95
MARTIN	237	21	12	7	2	13	55
MONROE	607	99	63	26	10	70	115
NASSAU	195	14	7	5	2	8	41
OKALOOSA	819	77	38	26	13	46	56
OKEECHOBEE	98	12	8	2	2	10	102
ORANGE	3,304	574	442	75	57	491	149
OSCEOLA	217	45	36	5	4	40	184
PALM BEACH	3,006	444	320	76	48	359	119
PASCO	449	111	66	30	15	76	169
PINELLAS	4,527	1,341	980	228	133	1,088	240
POLK	2,332	401	324	40	37	357	153
PUTNAM	347	55	39	11	5	43	124
ST JOHNS	333	63	52	8	3	55	165
ST LUCIE	500	50	37	9	4	40	80
SANTA ROSA	351	47	42	2	3	45	128
SARASOTA	982	314	222	51	41	255	260
SEMINOLE	757	86	63	19	4	66	87
SUMTER	138	9	7	1	1	8	58

SUWANNEE	173	43	28	8	7	33	191
TAYLOR	136	24	17	3	4	20	147
UNION	67	10	7	2	1	8	119
VOLUSIA	1,662	489	371	73	45	409	246
WAKULLA	56	7	7			7	125
WALTON	162	11	5	4	2	6	37
WASHINGTON	118	13	13			13	110
COUNTY NOT IDENT.		16	11	2	3	14	
OUT OF STATE RES.		221	221			221	
State totals	**61,661**	**11,625**	**8,753**	**1,674**	**1,198**	**9,747**	158
GEORGIA							
APPLING	137	9	8	1		8	58
ATKINSON	62	3	3			3	48
BACON	88	14	10	3	1	11	125
BAKER	42	3	2	1		2	48
BALDWIN	393	102	87	12	3	90	229
BANKS	68	3	2	1		2	29
BARROW	152	6	5	1		5	33
BARTOW	321	27	22	5		22	69
BEN HILL	135	51	41	8	2	43	319
BERRIEN	111	10	10			10	90
BIBB	1,558	180	143	32	5	147	94
BLECKLEY	100	5	3	2		3	30
BRANTLEY	58	3	2	1		2	34
BROOKS	146	12	10	2		10	68
BRYAN	68	4	2	2		2	29
BULLOCH	261	27	12	13	2	13	50
BURKE	209	9	8	1		8	38
BUTTS	95	14	12	2		12	126
CALHOUN	72	8	6	1	1	7	97
CAMDEN	111	11	8	3		8	72
CANDLER	70	5	4	1		4	57
CARROLL	402	51	39	9	3	41	102
CATOOSA	235	14	11	3		11	47
CHARLTON	59	4	4			4	68
CHATHAM	2,025	307	240	61	6	245	121
CHATTAHOOCHEE	110						
CHATTOOGA	202	26	19	7		19	94
CHEROKEE	252	17	14	2	1	15	60
CLARKE	530	56	47	9		47	89
CLAY	45	7	7	2		5	111
CLAYTON	798	43	26	14	3	28	35
CLINCH	72	16	11	5		11	153
COBB	1,712	157	101	52	4	104	61
COFFEE	224	21	18	2	1	19	85
COLQUITT	337	26	21	4	1	22	65
COLUMBIA	200	23	16	7		16	80
COOK	126	18	16		2	18	143
COWETA	314	28	23	2	3	26	83
CRAWFORD	62	3	3			3	48
CRISP	184	17	14	2	1	15	82
DADE	94	8	3	4	1	3	32
DAWSON	37	1	1			1	27
DECATUR	244	23	16	5	2	18	74
DE KALB	3,583	238	163	65	10	170	47
DODGE	170	11	9	2		9	53
DOOLY	112	8	8			8	71
DOUGHERTY	863	54	36	18		36	42
DOUGLAS	228	23	19	4		19	83
EARLY	133	8	7	1		7	53

State and county	Population (in hundreds)	All licensed practical nurses: Total	Employed	Not employed	No answer	Estimated employed: Number (adjusted fig.)	Nurse-population ratio
GEORGIA—Continued							
ECHOLS	19	1	1			1	53
EFFINGHAM	132	6	5	1		5	38
ELBERT	178	20	16	4		16	90
EMANUEL	193	17	14	3		14	73
EVANS	75	7	3	3	1	4	53
FANNIN	135	6	5	1		5	37
FAYETTE	88						
FLOYD	729	307	254	49	4	257	353
FORSYTH	136	12	11	1		11	81
FRANKLIN	123	26	23	3		23	187
FULTON	6,113	608	431	146	31	454	74
GILMER	88	7	6	1		6	68
GLASCOCK	26	3	3			3	115
GLYNN	516	53	42	10	1	43	83
GORDON	209	54	45	8	1	46	220
GRADY	188	16	9	6	1	10	53
GREENE	111	4	1	2	1	1	9
GWINNETT	580	20	11	9		11	19
HABERSHAM	199	29	22	7		22	111
HALL	568	69	52	16	1	53	93
HANCOCK	100	1		1			
HARALSON	150	19	16	2	1	17	113
HARRIS	117	9	8	1		8	68
HART	158	20	18	2		18	114
HEARD	51	8	7	1		7	137
HENRY	246	13	4	8	1	4	16
HOUSTON	502	7	4	1	2	6	12
IRWIN	90	15	12	3		12	133
JACKSON	176	14	10	4		10	57
JASPER	60						
JEFF DAVIS	96	4	3	1		3	31
JEFFERSON	183	12	6	5	1	7	38
JENKINS	91	4	4			4	44
JOHNSON	82	1	1			1	12
JONES	108	4	3		1	4	37
LAMAR	107	4	2	2		2	19
LANIER	54	10	9		1	10	185
LAURENS	336	43	32	10	1	33	98
LEE	66	11	5	6		5	76
LIBERTY	141	4	4			4	28
LINCOLN	58	4	1	3		1	17
LONG	40	2	1	1		1	25
LOWNDES	538	64	50	10	4	53	99
LUMPKIN	79	4	2	2		2	25
MCDUFFIE	138	4	4			4	29
MCINTOSH	68	1		1			
MACON	133	16	12	4		12	90
MADISON	118	1	1			1	8
MARION	54	3	1	2		1	19
MERIWETHER	201	17	13	4		13	65
MILLER	68	3	1	2		1	15
MITCHELL	206	17	14	3		14	68
MONROE	109	15	9	4	2	10	92
MONTGOMERY	66						

MORGAN	104	4	3	1		3	29
MURRAY	119	17	16	1		16	134
MUSCOGEE	1,888	282	209	64	9	216	114
NEWTON	248	3	3			3	12
OCONEE	68	4	4			4	59
OGLETHORPE	77	3	2	1		2	26
PAULDING	158	14	8	5	1	9	57
PEACH	152	43	31	11	1	32	211
PICKENS	95	5	5			5	53
PIERCE	97	23	15	7	1	16	165
PIKE	74	4	4			4	54
POLK	294	45	39	6		39	133
PULASKI	86	13	11	1	1	12	140
PUTNAM	83	3		3			
QUITMAN	25						
RABUN	80	7	7			7	88
RANDOLPH	102	5	4	1		4	39
RICHMOND	1,608	227	188	32	7	194	121
ROCKDALE	153	8	6	2		6	39
SCHLEY	33	6	3	3		3	91
SCREVEN	148	12	11	1		11	74
SEMINOLE	73	9	7	2		7	96
SPALDING	392	49	41	7	1	42	107
STEPHENS	193	23	17	6		17	88
STEWART	73	4	4			4	55
SUMTER	261	53	40	12	1	41	157
TALBOT	74	1		1			
TALIAFERRO	28						
TATTNALL	165	13	8	5		8	48
TAYLOR	80	6	6			6	75
TELFAIR	118	12	12			12	102
TERRELL	129	17	13	4		13	101
THOMAS	381	55	43	12		43	113
TIFT	251	20	12	8		12	48
TOOMBS	184	19	12	5	2	13	71
TOWNS	46	3	2	1		2	43
TREUTLEN	62	2	1	1		1	16
TROUP	466	104	78	23	3	80	172
TURNER	84	8	7	1		7	83
TWIGGS	83	1	1			1	12
UNION	69						
UPSON	248	29	23	6		23	93
WALKER	523	77	62	14	1	63	120
WALTON	217	17	12	4	1	13	60
WARE	377	85	62	22	1	63	167
WARREN	75	3	1	2		1	13
WASHINGTON	188	25	20	5		20	106
WAYNE	194	14	9	5		9	46
WEBSTER	31						
WHEELER	52	3	2	1		2	38
WHITE	74	5	3	2		3	41
WHITFIELD	517	71	60	11		60	116
WILCOX	76	5	4	1		4	53
WILKES	111	7	5	1	1	6	54
WILKINSON	97	5	4	1		4	41
WORTH	159	73	52	19	2	53	333
COUNTY NOT IDENT.		4	4			4	
OUT OF STATE RES.		104	104			104	
State totals	**44,649**	**4,987**	**3,801**	**1,046**	**140**	**3,912**	**88**

		All licensed practical nurses				Estimated employed	
State and county	Population (in hundreds)	Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
IDAHO							
ADA	1,046	258	170	85	3	172	164
ADAMS	29	3	1	2		1	34
BANNOCK	529	206	169	37		169	319
BEAR LAKE	67	17	13	4		13	194
BENEWAH	59	9	6	3		6	102
BINGHAM	306	98	76	21	1	77	252
BLAINE	49	5	3	2		3	61
BOISE	27	4		4			
BONNER	153	22	16	6		16	105
BONNEVILLE	535	149	101	46	2	102	191
BOUNDARY	54	19	18	1		18	333
BUTTE	36	7	6	1		6	167
CAMAS	9						
CANYON	632	227	181	46		181	286
CARIBOU	64	22	18	4		18	281
CASSIA	170	36	30	6		30	176
CLARK	8	1	1			1	125
CLEARWATER	93	44	36	8		36	387
CUSTER	28	3		3			
ELMORE	174	13	9	4		9	52
FRANKLIN	81	10	6	4		6	74
FREMONT	94	34	26	8		26	277
GEM	91	33	26	7		26	286
GOODING	91	21	14	7		14	154
IDAHO	134	35	28	7		28	209
JEFFERSON	121	32	19	13		19	157
JEROME	112	35	26	9		26	232
KOOTENAI	327	68	49	19		49	150
LATAH	208	20	15	5		15	72
LEMHI	55	39	29	10		29	527
LEWIS	45	10	1	9		1	22
LINCOLN	32	8	4	4		4	125
MADISON	100	12	11	1		11	110
MINIDOKA	168	29	25	4		25	149
NEZ PERCE	300	116	72	43	1	73	243
ONEIDA	32	14	10	4		10	313
OWYHEE	59	12	11	1		11	186
PAYETTE	122	22	12	9	1	13	107
POWER	52	22	15	7		15	288
SHOSHONE	191	48	38	10		38	199
TETON	25	4	4			4	160
TWIN FALLS	418	123	95	28		95	227
VALLEY	36	12	9	3		9	250
WASHINGTON	84	28	17	11		17	202
COUNTY NOT IDENT.		4		4			
OUT OF STATE RES.		23	23			23	
State totals	**7,046**	**1,957**	**1,439**	**510**	**8**	**1,445**	**205**
ILLINOIS							
ADAMS	690	137	96	27	14	107	155
ALEXANDER	135	12	8	3	1	9	67

BOND	136	16	11	2	3	14	103
BOONE	227	55	45	7	3	48	211
BROWN	57	5	1	3	1	1	18
BUREAU	356	49	36	8	5	40	112
CALHOUN	54	8	4	3	1	5	93
CARROLL	194	21	13	8		13	67
CASS	135	23	18	3	2	20	148
CHAMPAIGN	1,513	213	156	32	25	177	117
CHRISTIAN	355	69	60	7	2	62	175
CLARK	156	8	6	1	1	7	45
CLAY	149	14	5	7	2	6	40
CLINTON	249	27	19	7	1	20	80
COLES	426	120	90	19	11	99	232
COOK	54,824	6,439	5,008	869	562	5,487	100
CRAWFORD	195	51	38	10	3	40	205
CUMBERLAND	94	6	5	1		5	53
DE KALB	602	47	37	8	2	39	65
DE WITT	151	24	14	6	4	17	113
DOUGLAS	205	21	15	5	1	16	78
DU PAGE	4,262	252	186	52	14	197	46
EDGAR	220	11	10	1		10	45
EDWARDS	70	5	3	1	1	4	57
EFFINGHAM	238	42	32	6	4	35	147
FAYETTE	207	26	20	4	2	22	106
FORD	155	32	28	2	2	30	194
FRANKLIN	344	178	136	24	18	151	439
FULTON	419	58	44	11	3	46	110
GALLATIN	64	13	11	1	1	12	188
GREENE	170	33	28	2	3	31	182
GRUNDY	246	32	23	5	4	26	106
HAMILTON	86	41	33	8		33	384
HANCOCK	241	352	268	53	31	294	1,220
HARDIN	46	19	11	5	3	13	283
HENDERSON	69	6	5	1		5	72
HENRY	507	77	63	10	4	66	130
IROQUOIS	338	33	27	5	1	28	83
JACKSON	456	100	75	11	14	87	191
JASPER	107	4	3	1		3	28
JEFFERSON	288	101	88	8	5	93	323
JERSEY	178	20	13	5	2	14	79
JO DAVIESS	212	19	17		2	19	90
JOHNSON	61	16	12	1	3	15	246
KANE	2,533	358	254	59	45	291	115
KANKAKEE	1,046	155	114	18	23	134	128
KENDALL	225	12	9	2	1	10	44
KNOX	643	137	103	18	16	117	182
LAKE	3,645	403	298	82	23	316	87
LA SALLE	1,186	204	152	44	8	158	133
LAWRENCE	166	23	18	3	2	20	120
LEE	407	140	108	21	11	117	287
LIVINGSTON	423	53	49	3	1	50	118
LOGAN	369	42	26	9	7	31	84
MCDONOUGH	284	37	30	3	4	34	120
MCHENRY	1,079	58	42	12	4	45	42
MCLEAN	908	80	58	17	5	62	68
MACON	1,283	69	49	17	3	51	40
MACOUPIN	470	85	63	15	7	69	147
MADISON	2,485	400	300	72	28	323	130
MARION	376	78	65	10	3	68	181
MARSHALL	136	11	8	2	1	9	66
MASON	149	11	9	2		9	60
MASSAC	137	39	24	8	7	29	212
MENARD	92	15	12	3		12	130

State and county	Population (in hundreds)	All licensed practical nurses: Total	Employed	Not employed	No answer	Estimated employed: Number (adjusted fig.)	Nurse-population ratio
ILLINOIS—Continued							
MERCER	171	22	14	6	2	15	88
MONROE	175	19	17	1	1	18	103
MONTGOMERY	308	48	43	4	1	44	143
MORGAN	373	79	52	16	11	60	161
MOULTRIE	118	50	42	8		42	356
OGLE	411	24	17	3	4	20	49
PEORIA	1,993	392	311	55	26	333	167
PERRY	177	71	54	13	4	57	322
PIATT	161	57	47	7	3	50	311
PIKE	175	28	17	3	8	24	137
POPE	32	9	6	2	1	7	219
PULASKI	88	8	6	1	1	7	80
PUTNAM	45	9	4	4	1	5	111
RANDOLPH	282	40	33	5	2	35	124
RICHLAND	144	27	22	3	2	24	167
ROCK ISLAND	1,624	206	147	46	13	157	97
ST CLAIR	2,852	298	212	55	31	237	83
SALINE	227	138	105	25	8	111	489
SANGAMON	1,564	273	208	39	26	230	147
SCHUYLER	81	14	8	3	3	10	123
SCOTT	59	9	7	1	1	8	136
SHELBY	218	43	35	5	3	38	174
STARK	75	2	1	1		1	13
STEPHENSON	494	56	37	15	4	40	81
TAZEWELL	1,134	135	99	26	10	107	94
UNION	158	39	26	8	5	30	190
VERMILION	1,002	161	132	22	7	138	138
WABASH	133	22	19	2	1	20	150
WARREN	214	53	33	14	6	37	173
WASHINGTON	129	22	17	4	1	18	140
WAYNE	186	27	18	6	3	20	108
WHITE	169	26	22	2	2	24	142
WHITESIDE	650	121	83	36	2	84	129
WILL	2,361	149	105	37	7	110	47
WILLIAMSON	454	162	136	18	8	143	315
WINNEBAGO	2,340	238	175	46	17	188	80
WOODFORD	268	34	22	11	1	23	86
COUNTY NOT IDENT.		44	35	5	4	39	
OUT OF STATE RES.		171	171			171	
State totals	**108,974**	**14,571**	**11,150**	**2,231**	**1,190**	**12,146**	**111**
INDIANA							
ADAMS	254	18	11	7		11	43
ALLEN	2,625	223	175	39	9	182	69
BARTHOLOMEW	559	57	43	10	4	46	82
BENTON	120	3	3			3	25
BLACKFORD	156	10	7	3		7	45
BOONE	290	28	21	3	4	25	86
BROWN	78	1	1			1	13
CARROLL	170	7	6	1		6	35
CASS	420	29	23	5	1	24	57
CLARK	701	40	27	13		27	39

CLAY	233	17	14	2	1	15	64
CLINTON	315	16	15	1		15	48
CRAWFORD	79						
DAVIESS	262	13	9	3	1	10	38
DEARBORN	300	10	9		1	10	33
DECATUR	214	11	9	2		9	42
DE KALB	298	25	18	4	3	20	67
DELAWARE	1,197	197	164	22	11	174	145
DUBOIS	310	13	11	1	1	12	39
ELKHART	1,195	72	53	14	5	57	48
FAYETTE	250	6	5	1		5	20
FLOYD	557	31	23	5	3	25	45
FOUNTAIN	187	1	1			1	5
FRANKLIN	159	1	1			1	6
FULTON	157	13	13			13	83
GIBSON	292	22	15	3	4	18	62
GRANT	829	109	91	15	3	94	113
GREENE	260	12	7	5		7	27
HAMILTON	474	35	29	4	2	31	65
HANCOCK	320	23	18	5		18	56
HARRISON	197	5	4	1		4	20
HENDRICKS	497	29	20	6	3	22	44
HENRY	508	41	32	5	4	35	69
HOWARD	789	47	35	9	3	37	47
HUNTINGTON	352	25	22	3		22	63
JACKSON	321	13	9	3	1	10	31
JASPER	180	6	5	1		5	28
JAY	234	19	13	5	1	14	60
JEFFERSON	253	15	9	6		9	36
JENNINGS	211	12	8	2	2	10	47
JOHNSON	523	31	24	7		24	46
KNOX	414	18	11	6	1	12	29
KOSCIUSKO	458	36	23	12	1	24	52
LAGRANGE	204	5	4	1		4	20
LAKE	5,439	522	407	81	34	435	80
LA PORTE	1,092	46	39	6	1	40	37
LAWRENCE	362	16	9	6	1	10	28
MADISON	1,342	72	51	17	4	54	40
MARION	7,618	884	651	127	106	740	97
MARSHALL	355	20	15	3	2	17	48
MARTIN	107	3	3			3	28
MIAMI	434	18	11	6	1	12	28
MONROE	721	22	13	7	2	14	19
MONTGOMERY	328	6	5	1		5	15
MORGAN	400	13	11	2		11	28
NEWTON	120	1		1			
NOBLE	301	20	11	8	1	12	40
OHIO	40						
ORANGE	174	5	3	2		3	17
OWEN	114	5	3	2		3	26
PARKE	146	10	8	1	1	9	62
PERRY	183	3	3			3	16
PIKE	120	7	5		2	7	58
PORTER	782	27	17	9	1	18	23
POSEY	214	8	8			8	37
PULASKI	126	3	3			3	24
PUTNAM	261	17	12	5		12	46
RANDOLPH	296	18	16	1	1	17	57
RIPLEY	224	12	10	1	1	11	49
RUSH	202	13	12	1		12	59
ST JOSEPH	2,530	153	113	31	9	120	47
SCOTT	155	6	4	1	1	5	32
SHELBY	368	16	14		2	16	43

State and county	Population (in hundreds)	All licensed practical nurses: Total	Employed	Not employed	No answer	Estimated employed: Number (adjusted fig.)	Nurse-population ratio
INDIANA—Continued							
SPENCER	166	6	2	2	2	3	18
STARKE	177	3	2	1		2	11
STEUBEN	171	7	4	3		4	23
SULLIVAN	200	18	14	3	1	15	75
SWITZERLAND	66						
TIPPECANOE	994	42	36	4	2	38	38
TIPTON	170	6	6			6	35
UNION	68	1	1			1	15
VANDERBURGH	1,671	130	110	13	7	116	69
VERMILLION	158	10	8	2		8	51
VIGO	1,081	118	102	10	6	107	99
WABASH	351	24	19	2	3	22	63
WARREN	83	1	1			1	12
WARRICK	246	15	10	3	2	12	49
WASHINGTON	189	13	8	4	1	9	48
WAYNE	778	40	35	4	1	36	46
WELLS	229	30	25	4	1	26	114
WHITE	220	4	3	1		3	14
WHITLEY	213	16	11	4	1	12	56
COUNTY NOT IDENT.		8		6	2		
OUT OF STATE RES.		102	102			102	
State Totals	**50,187**	**3,885**	**2,997**	**620**	**268**	**3,222**	**64**
IOWA							
ADAIR	96	2	2			2	21
ADAMS	64	7	3	4		3	47
ALLAMAKEE	159	13	7	6		7	44
APPANOOSE	152	29	26	3		26	171
AUDUBON	100	7	7			7	70
BENTON	223	24	17	7		17	76
BLACK HAWK	1,327	238	173	58	7	178	134
BOONE	264	32	21	10	1	22	83
BREMER	219	22	18	4		18	82
BUCHANAN	200	22	9	12	1	9	45
BUENA VISTA	206	9	5	4		5	24
BUTLER	164	13	7	6		7	43
CALHOUN	157	22	11	10	1	12	76
CARROLL	238	74	54	19	1	55	231
CASS	182	17	12	4	1	13	71
CEDAR	181	16	11	5		11	61
CERRO GORDO	508	64	53	8	3	56	110
CHEROKEE	182	22	15	5	2	17	93
CHICKASAW	150	17	14	3		14	93
CLARKE	77	3	1	2		1	13
CLAY	180	9	7	2		7	39
CLAYTON	220	18	12	6		12	55
CLINTON	572	62	48	13	1	49	86
CRAWFORD	198	16	11	5		11	56
DALLAS	235	53	34	19		34	145
DAVIS	88	4	2	2		2	23
DECATUR	87	11	7	4		7	80
DELAWARE	187	17	10	7		10	53

DES MOINES	463	29	19	10		19	41
DICKINSON	129	15	10	5		10	78
DUBUQUE	925	106	78	25	3	80	86
EMMET	141	15	15			15	106
FAYETTE	288	33	21	10	2	22	76
FLOYD	210	19	14	5		14	67
FRANKLIN	136	8	6	2		6	44
FREMONT	98	25	19	6		19	194
GREENE	132	15	8	7		8	61
GRUNDY	142	14	11	3		11	77
GUTHRIE	129	12	10	1	1	11	85
HAMILTON	202	11	10	1		10	50
HANCOCK	139	8	5	3		5	36
HARDIN	227	23	12	11		12	53
HARRISON	167	16	9	6	1	10	60
HENRY	183	13	8	4	1	9	49
HOWARD	132	8	6	2		6	45
HUMBOLDT	129	8	7	1		7	54
IDA	95	9	6	3		6	63
IOWA	164	17	8	9		8	49
JACKSON	205	19	12	7		12	59
JASPER	355	26	15	10	1	16	45
JEFFERSON	154	12	6	6		6	39
JOHNSON	597	140	97	35	8	103	173
JONES	204	27	16	9	2	17	83
KEOKUK	149	10	7	3		7	47
KOSSUTH	243	13	6	7		6	25
LEE	448	29	17	11	1	18	40
LINN	1,535	179	108	62	9	114	74
LOUISA	108	8	4	3	1	5	46
LUCAS	103	15	10	5		10	97
LYON	138	7	3	3	1	4	29
MADISON	122	13	8	5		8	66
MAHASKA	221	21	13	8		13	59
MARION	260	29	24	4	1	25	96
MARSHALL	386	82	54	26	2	55	142
MILLS	119	20	19	1		19	160
MITCHELL	138	14	11	1	2	13	94
MONONA	129	9	8	1		8	62
MONROE	95	14	13	1		13	137
MONTGOMERY	127	17	13	4		13	102
MUSCATINE	351	20	15	5		15	43
OBRIEN	186	13	10	3		10	54
OSCEOLA	87	9	8	1		8	92
PAGE	195	69	59	8	2	61	313
PALO ALTO	140	6	3	3		3	21
PLYMOUTH	247	10	10			10	40
POCAHONTAS	135	8	6	2		6	44
POLK	2,804	373	275	90	8	281	100
POTTAWATTAMIE	904	66	47	16	3	49	54
POWESHIEK	183	12	7	5		7	38
RINGGOLD	70	3	3			3	43
SAC	161	22	17	5		17	106
SCOTT	1,313	167	115	46	6	119	91
SHELBY	161	11	7	3	1	8	50
SIOUX	265	20	13	7		13	49
STORY	539	71	51	19	1	52	96
TAMA	206	25	16	9		16	78
TAYLOR	93	24	17	5	2	19	204
UNION	131	19	18	1		18	137
VAN BUREN	92	12	11	1		11	120
WAPELLO	470	112	84	23	5	88	187
WARREN	216	9	5	4		5	23

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State and county	Population (in hundreds)	All licensed practical nurses				Estimated employed	
		Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
IOWA—Continued							
WASHINGTON	186	24	19	5		19	102
WAYNE	84	6	5	1		5	60
WEBSTER	480	40	28	11	1	29	60
WINNEBAGO	132	10	9	1		9	68
WINNESHIEK	201	11	7	4		7	35
WOODBURY	1,094	128	95	30	3	97	89
WORTH	85	6	4	2		4	47
WRIGHT	187	10	7	3		7	37
COUNTY NOT IDENT.		10	1	9		1	
OUT OF STATE RES.		58	58			58	
State totals	**28,081**	**3,335**	**2,373**	**876**	**86**	**2,440**	**87**
KANSAS							
ALLEN	163	16	10	3	3	12	74
ANDERSON	87	5	3	2		3	34
ATCHISON	197	25	21	4		21	107
BARBER	78	2	2			2	26
BARTON	348	23	18	5		18	52
BOURBON	168	8	6	1	1	7	42
BROWN	138	13	12	1		12	87
BUTLER	391	32	21	9	2	22	56
CHASE	37	2	2			2	54
CHAUTAUQUA	55	4	3	1		3	55
CHEROKEE	216	24	17	6	1	18	83
CHEYENNE	44						
CLARK	35	5	3	2		3	86
CLAY	102	1	1			1	10
CLOUD	142	12	10	2		10	70
COFFEY	79	4	3	1		3	38
COMANCHE	31	1		1			
COWLEY	360	40	26	9	5	30	83
CRAWFORD	386	9	8		1	9	23
DECATUR	59	2		2			
DICKINSON	226	6	3	3		3	13
DONIPHAN	103	2	1	1		1	10
DOUGLAS	560	49	37	9	3	39	70
EDWARDS	50	5	4	1		4	80
ELK	50	1	1			1	20
ELLIS	223	20	15	4	1	16	72
ELLSWORTH	75	1	1			1	13
FINNEY	190	24	20	4		20	105
FORD	224	71	58	11	2	60	268
FRANKLIN	213	15	12	2	1	13	61
GEARY	256	28	20	8		20	78
GOVE	43						
GRAHAM	55	2	2			2	36
GRANT	61	5	5			5	82
GRAY	48	9	6	2	1	7	146
GREELEY	22	2	2			2	91
GREENWOOD	96	3	3			3	31
HAMILTON	32	1		1			
HARPER	89	3	2	1		2	22

HARVEY	276	35	24	10	1	25	91
HASKELL	38	4	3	1		3	79
HODGEMAN	30	3	2	1		2	67
JACKSON	108						
JEFFERSON	117	8	5	3		5	43
JEWELL	70						
JOHNSON	2,080	106	66	37	3	68	33
KEARNY	31	1		1			
KINGMAN	103	6	4	2		4	39
KIOWA	45	4	4			4	89
LABETTE	266	25	19	6		19	71
LANE	31	1	1			1	32
LEAVENWORTH	494	58	48	7	3	51	103
LINCOLN	57	1	1			1	18
LINN	81	3	2	1		2	25
LOGAN	43	4	2	1	1	3	70
LYON	269	32	25	3	4	29	108
MCPHERSON	248	17	14	1	2	16	65
MARION	153	16	10	5	1	11	72
MARSHALL	153	8	4	4		4	26
MEADE	53	4	2	2		2	38
MIAMI	191	9	3	5	1	3	16
MITCHELL	96	6	4	2		4	42
MONTGOMERY	444	35	22	11	2	23	52
MORRIS	69	3	1	2		1	14
MORTON	39	3	2		1	3	77
NEMAHA	129	8	4	4		4	31
NEOSHO	191	26	24	1	1	25	131
NESS	57	7	5	1	1	6	105
NORTON	83	17	12	5		12	145
OSAGE	130	7	2	2		2	15
OSBORNE	69	1		1			
OTTAWA	68	3	1		2	3	44
PAWNEE	92	2	2			2	22
PHILLIPS	87	4		4			
POTTAWATOMIE	123	5	2	3		2	16
PRATT	117	8	7	1		7	60
RAWLINS	50	2	1	1		1	20
RENO	646	41	32	6	3	35	54
REPUBLIC	91	6	4	2		4	44
RICE	131	7	3	2	2	4	31
RILEY	423	42	34	7	1	35	83
ROOKS	90	2	1	1		1	11
RUSH	61	4	3	1		3	49
RUSSELL	110	2	2			2	18
SALINE	502	35	27	6	2	29	58
SCOTT	59	2		1	1		
SEDGWICK	3,491	579	413	131	35	440	126
SEWARD	168	20	17	2	1	18	107
SHAWNEE	1,534	254	189	53	12	198	129
SHERIDAN	42						
SHERMAN	75	4	4			4	53
SMITH	77						
STAFFORD	70	5	3	2		3	43
STANTON	26	1	1			1	38
STEVENS	44	2	2			2	45
SUMNER	252	31	24	5	2	26	103
THOMAS	75	6	5	1		5	67
TREGO	49	1	1			1	20
WABAUNSEE	66	7	5	2		5	76
WALLACE	24	2		2			
WASHINGTON	112						
WICHITA	33	2	2			2	61

State and county	Population (in hundreds)	All licensed practical nurses: Total	Employed	Not employed	No answer	Estimated employed: Number (adjusted fig.)	Nurse-population ratio
KANSAS—Continued							
WILSON	141	5	2	3		2	14
WOODSON	51	3	3			3	59
WYANDOTTE	1,975	330	272	43	15	285	144
COUNTY NOT IDENT.		7	1	6		1	
OUT OF STATE RES.		65	65			65	
State totals	**22,931**	**2,422**	**1,801**	**503**	**118**	**1,897**	**83**
KENTUCKY							
ADAIR	140	6	5	1		5	36
ALLEN	124	17	17			17	137
ANDERSON	92	3		3			
BALLARD	80	10	8	2		8	100
BARREN	293	65	48	15	2	50	171
BATH	87						
BELL	335	80	65	12	3	68	203
BOONE	272	16	10	5	1	11	40
BOURBON	186	31	23	7	1	24	129
BOYD	538	5	4	1		4	7
BOYLE	222	103	75	22	6	80	360
BRACKEN	70	1		1			
BREATHITT	143	6	1	5		1	7
BRECKINRIDGE	148	1	1			1	7
BULLITT	200	8	3	5		3	15
BUTLER	92	3	2	1		2	22
CAMPBELL	895	55	46	8	1	47	53
CALDWELL	133	6	2	3	1	2	15
CALLOWAY	234	24	17	6	1	18	77
CARLISLE	53	1			1		
CARROLL	80	5	3	2		3	38
CARTER	204	1	1			1	5
CASEY	139	14	7	6	1	8	58
CHRISTIAN	588	74	55	15	4	58	99
CLARK	231	29	20	5	4	23	100
CLAY	206	3	2	1		2	10
CLINTON	86	6	5		1	6	70
CRITTENDEN	77	10	6	3	1	7	91
CUMBERLAND	73	5	4	1		4	55
DAVIESS	804	93	72	18	3	74	92
EDMONSON	77	5	4	1		4	52
ELLIOTT	64	1	1			1	16
ESTILL	130	4	4			4	31
FAYETTE	1,629	341	239	77	25	258	158
FLEMING	112	4	4			4	36
FLOYD	377	68	55	10	3	58	154
FRANKLIN	344	46	37	7	2	39	113
FULTON	103	1		1			
GALLATIN	40	1		1			
GARRARD	93	14	9	4	1	10	108
GRANT	97	3	3			3	31
GRAVES	300	15	11	4		11	37
GRAYSON	159	5	3	2	—	3	19
GREEN	107	5	5			5	47

GREENUP	316	78	53	17	8	59	187
HANCOCK	57	4	4			4	70
HARDIN	786	40	21	14	5	24	31
HARLAN	416	85	70	15		70	168
HARRISON	143	9	6	2	1	7	49
HART	138	9	7	2		7	51
HENDERSON	349	13	10	2	1	11	32
HENRY	109	7	5	2		5	46
HICKMAN	64	5	5			5	78
HOPKINS	391	67	59	7	1	60	153
JACKSON	98	3		3			
JEFFERSON	6,739	829	657	141	31	683	101
JESSAMINE	146	15	12	3		12	82
JOHNSON	178	53	37	9	7	43	242
KENTON	1,250	139	109	24	6	114	91
KNOTT	171	14	10	4		10	58
KNOX	245	5	3	2		3	12
LARUE	108	3	2	1		2	19
LAUREL	262	20	16	4		16	61
LAWRENCE	117	2	2			2	17
LEE	69						
LESLIE	102	5	3	2		3	29
LETCHER	266	51	41	7	3	44	165
LEWIS	131	1		1			
LINCOLN	161	41	32	8	1	33	205
LIVINGSTON	73	7	7			7	96
LOGAN	220	21	20	1		20	91
LYON	56	4	2	2		2	36
MCCRACKEN	607	82	66	11	5	70	115
MCCREARY	123	1	1			1	8
MCLEAN	97	10	5	2	3	7	72
MADISON	392	27	22	4	1	23	59
MAGOFFIN	99	2	1		1	2	20
MARION	174	6	6			6	34
MARSHALL	183	12	10	2		10	55
MARTIN	96	3	2	1		2	21
MASON	181	16	13	1	2	15	83
MEADE	206	3	2	1		2	10
MENIFEE	41	5	2	2	1	3	73
MERCER	155	43	30	11	2	31	200
METCALFE	75	11	8	2	1	9	120
MONROE	111	6	4	1	1	5	45
MONTGOMERY	146	6	4	1	1	5	34
MORGAN	101	1	1			1	10
MUHLENBERG	266	43	37	5	1	38	143
NELSON	230	6	2	4		2	9
NICHOLAS	64	3	3			3	47
OHIO	174	13	11	1	1	12	69
OLDHAM	145	30	20	8	2	21	145
OWEN	76	1	1			1	13
OWSLEY	48						
PENDLETON	99	3	2	1		2	20
PERRY	313	45	35	7	3	37	118
PIKE	642	97	77	19	1	78	121
POWELL	70						
PULASKI	341	44	32	9	3	34	100
ROBERTSON	23						
ROCKCASTLE	119	7	6	1		6	50
ROWAN	144	4	2	2		2	14
RUSSELL	105	4	3	1		3	29
SCOTT	173	26	17	7	2	18	104
SHELBY	195	19	13	4	2	15	77
SIMPSON	129	6	3	2	1	4	31

State and county	Population (in hundreds)	All licensed practical nurses: Total	Employed	Not employed	No answer	Estimated employed: Number (adjusted fig.)	Nurse-population ratio
KENTUCKY—Continued							
SPENCER	54	1	1			1	19
TAYLOR	168	4	3	1		3	18
TODD	111	5	3	1	1	4	36
TRIGG	88	6	6			6	68
TRIMBLE	51	2	2			2	39
UNION	144	4	3	1		3	21
WARREN	507	47	36	10	1	37	73
WASHINGTON	111	7	6	1		6	54
WAYNE	146	5	3	2		3	21
WEBSTER	133	11	9	1	1	10	75
WHITLEY	249	23	18	4	1	19	76
WOLFE	60	1	1			1	17
WOODFORD	135	17	9	5	3	11	81
COUNTY NOT IDENT.		14	11	2	1	12	
OUT OF STATE RES.		165	165			165	
State Totals	**31,718**	**3,621**	**2,787**	**666**	**168**	**2,924**	**92**
LOUISIANA							
ACADIA	519	59	52	7		52	100
ALLEN	207	21	16	5		16	77
ASCENSION	321	27	14	13		14	44
ASSUMPTION	188	32	22	10		22	117
AVOYELLES	378	23	20	3		20	53
BEAUREGARD	207	26	16	10		16	77
BIENVILLE	156	25	22	3		22	141
BOSSIER	655	118	80	38		80	122
CADDO	2,453	697	588	103	6	593	242
CALCASIEU	1,708	391	316	75		316	185
CALDWELL	83	33	28	5		28	337
CAMERON	75	3	2	1		2	27
CATAHOULA	114	10	6	4		6	53
CLAIBORNE	164	23	17	5	1	18	110
CONCORDIA	244	15	9	3	3	11	45
DE SOTA	241	34	30	4		30	124
EAST BATON ROUGE	2,785	500	379	120	1	380	136
EAST CARROLL	134	7	7			7	52
EAST FELICIANA	208	26	20	6		20	96
EVANGELINE	319	65	49	16		49	154
FRANKLIN	243	24	21	3		21	86
GRANT	130	23	17	6		17	131
IBERIA	591	76	63	13		63	107
IBERVILLE	321	44	31	13		31	97
JACKSON	160	27	22	5		22	138
JEFFERSON	3,031	370	270	96	4	273	90
JEFFERSON DAVIS	320	39	30	9		30	94
LAFAYETTE	1,014	188	151	35	2	153	151
LAFOURCHE	637	58	43	15		43	68
LA SALLE	134	17	15	2		15	112
LINCOLN	307	59	54	4	1	55	179
LIVINGSTON	318	44	35	9		35	110
MADISON	158	8	5	3		5	32

MOREHOUSE	347	67	58	7	2	60	173
NATCHITOCHES	347	37	30	7		30	86
ORLEANS	6,650	1,413	1,172	234	7	1,178	177
OUACHITA	1,218	289	234	53	2	236	194
PLAQUEMINES	271	12	5	7		5	18
POINTE COUPEE	231	16	11	5		11	48
RAPIDES	1,258	294	238	54	2	240	191
RED RIVER	88	12	11	1		11	125
RICHLAND	225	28	25	3		25	111
SABINE	175	22	19	3		19	109
ST BERNARD	483	39	30	9		30	62
ST CHARLES	266	20	12	8		12	45
ST HELENA	93	15	13	2		13	140
ST JAMES	201	10	6	4		6	30
ST JOHN THE BAPT	215	5	4	1		4	19
ST LANDRY	854	212	159	51	2	161	189
ST MARTIN	316	22	18	4		18	57
ST MARY	588	23	16	7		16	27
ST TAMMANY	590	78	64	14		64	108
TANGIPAHOA	644	75	58	16	1	59	92
TENSAS	109	5	4	1		4	37
TERREBONNE	740	42	30	11	1	31	42
UNION	172	18	17	1		17	99
VERMILION	405	65	50	15		50	123
VERNON	201	54	38	14	2	39	194
WASHINGTON	481	188	142	43	3	144	299
WEBSTER	421	55	39	15	1	40	95
WEST BATON ROUGE	169	16	12	4		12	71
WEST CARROLL	129	9	7	2		7	54
WEST FELICIANA	136	3	1	2		1	7
WINN	161	25	23	2		23	143
COUNTY NOT IDENT.		5		4	1		
OUT OF STATE RES.		36	36			36	
State Totals	**36,707**	**6,322**	**5,032**	**1,248**	**42**	**5,067**	**136**
MAINE							
ANDROSCOGGIN	915	57	36	19	2	37	40
AROOSTOOK	1,048	141	88	48	5	91	87
CUMBERLAND	1,911	189	122	54	13	131	69
FRANKLIN	196	24	16	7	1	17	87
HANCOCK	316	46	26	18	2	27	85
KENNEBEC	925	128	101	22	5	105	114
KNOX	257	32	18	13	1	19	74
LINCOLN	182	14	5	9		5	27
OXFORD	437	31	19	11	1	20	46
PENOBSCOT	1,276	131	77	44	10	83	65
PISCATAQUIS	173	9	5	4		5	29
SAGADAHOC	215	22	11	10	1	12	56
SOMERSET	413	51	30	18	3	32	77
WALDO	215	19	13	4	2	15	70
WASHINGTON	296	25	13	12		13	44
YORK	1,075	89	52	31	6	56	52
COUNTY NOT IDENT.		6		3	3		
OUT OF STATE RES.		23	23			23	
State totals	**9,850**	**1,037**	**655**	**327**	**55**	**691**	**70**

State and county	Population (in hundreds)	All licensed practical nurses				Estimated employed	
		Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
MARYLAND							
ALLEGANY	889	41	27	14		27	30
ANNE ARUNDEL	2,716	337	217	115	5	220	81
BALTIMORE	5,919	115	80	35		80	14
BALTIMORE CITY	9,234	1,852	1,498	336	18	1,513	164
CALVERT	190	9	6	3		6	32
CAROLINE	207	15	9	6		9	43
CARROLL	639	311	227	83	1	228	357
CECIL	548	39	29	10		29	53
CHARLES	403	12	8	3	1	9	22
DORCHESTER	303	136	101	33	2	103	340
FREDERICK	853	49	27	20	2	28	33
GARRETT	230	10	6	3	1	7	30
HARFORD	1,025	63	40	23		40	39
HOWARD	522	42	30	12		30	57
KENT	157	6	5	1		5	32
MONTGOMERY	4,600	123	78	43	2	79	17
PRINCE GEORGES	5,824	257	142	108	7	146	25
QUEEN ANNES	178	6	3	3		3	17
ST. MARYS	430	25	15	10		15	35
SOMERSET	200	15	12	3		12	60
TALBOT	237	20	16	4		16	68
WASHINGTON	1,060	65	43	20	2	44	42
WICOMICO	551	58	42	15	1	43	78
WORCESTER	258	14	9	4	1	10	39
COUNTY NOT IDENT.		32	17	5	10	25	
OUT OF STATE RES.		338	338			338	
State totals	**37,173**	**3,990**	**3,025**	**912**	**53**	**3,065**	**82**
MASSACHUSETTS							
BARNSTABLE	821	309	148	91	70	191	233
BERKSHIRE	1,477	385	237	77	71	291	197
BRISTOL	4,241	1,725	1,062	322	341	1,324	312
DUKES	60	20	9	6	5	12	200
ESSEX	6,209	1,847	1,070	373	404	1,370	221
FRANKLIN	588	153	69	39	45	98	167
HAMPDEN	4,479	1,116	643	236	237	816	182
HAMPSHIRE	1,107	358	193	71	94	262	237
MIDDLESEX	13,282	2,950	1,586	650	714	2,092	158
NANTUCKET	41	18	9	2	7	15	366
NORFOLK	5,892	1,342	765	283	294	980	166
PLYMOUTH	3,148	1,103	612	247	244	786	250
SUFFOLK	6,989	2,620	1,411	351	858	2,098	300
WORCESTER	6,247	2,356	1,426	419	511	1,821	291
COUNTY NOT IDENT.		61	22	9	30	43	
OUT OF STATE RES.		270	270			270	
State totals	**54,581**	**16,633**	**9,532**	**3,176**	**3,925**	**12,469**	**228**

MICHIGAN							
ALCONA	56	5	4	1		4	71
ALGER	81	11	8	1	2	10	123
ALLEGAN	589	107	73	20	14	84	143
ALPENA	310	93	66	20	7	71	229
ANTRIM	91	18	12	4	2	14	154
ARENAC	94	17	9	6	2	10	106
BARAGA	75	19	12	6	1	13	173
BARRY	291	57	29	25	3	31	107
BAY	1,128	337	223	85	29	244	216
BENZIE	78	16	12	2	2	14	179
BERRIEN	1,645	146	95	42	9	101	61
BRANCH	346	77	45	23	9	51	147
CALHOUN	1,454	471	314	110	47	349	240
CASS	372	13	4	6	3	5	13
CHARLEVOIX	161	45	27	13	5	30	186
CHEBOYGAN	139	22	16	6		16	115
CHIPPEWA	347	74	47	17	10	54	156
CLARE	123	29	23	5	1	24	195
CLINTON	440	73	39	26	8	44	100
CRAWFORD	53	19	11	7	1	12	226
DELTA	331	75	45	21	9	51	154
DICKINSON	235	89	65	20	4	68	289
EATON	559	97	65	24	8	71	127
EMMET	166	67	45	19	3	47	283
GENESEE	4,365	1,152	737	298	117	820	188
GLADWIN	102	15	7	4	4	10	98
GOGEBIC	200	70	52	13	5	56	280
GRAND TRAVERSE	372	194	132	43	19	146	392
GRATIOT	381	93	63	18	12	72	189
HILLSDALE	345	63	40	16	7	45	130
HOUGHTON	328	55	30	21	4	32	98
HURON	341	34	23	9	2	24	70
INGHAM	2,407	536	336	142	58	377	157
IONIA	450	46	30	12	4	33	73
IOSCO	218	37	21	14	2	22	101
IRON	145	34	19	11	4	22	152
ISABELLA	362	51	41	8	2	43	119
JACKSON	1,396	186	126	38	22	143	102
KALAMAZOO	1,869	421	272	114	35	297	159
KALKASKA	47	2	2			2	43
KENT	4,000	1,063	636	346	81	688	172
KEWEENAW	22	6	4	2		4	182
LAKE	46	3	2	1		2	43
LAPEER	480	147	101	31	15	112	233
LEELANAU	96	17	10	6	1	11	115
LENAWEE	802	160	111	37	12	120	150
LIVINGSTON	446	104	62	37	5	65	146
LUCE	71	43	33	6	4	36	507
MACKINAC	97	19	8	10	1	8	82
MACOMB	5,784	660	438	169	53	476	82
MANISTEE	194	59	44	9	6	49	253
MARQUETTE	620	188	106	69	13	114	184
MASON	215	27	19	7	1	20	93
MECOSTA	227	39	29	8	2	31	137
MENOMINEE	231	40	33	4	3	36	156
MIDLAND	581	94	64	23	7	69	119
MISSAUKEE	62	11	7	4		7	113
MONROE	1,115	131	92	33	6	96	86
MONTCALM	394	84	59	19	6	64	162
MONTMORENCY	43	5	3	1	1	4	93
MUSKEGON	1,595	252	165	51	36	193	121

State and county	Population (in hundreds)	All licensed practical nurses: Total	Employed	Not employed	No answer	Estimated employed: Number (adjusted fig.)	Nurse-population ratio
MICHIGAN—Continued							
NEWAYGO	254	21	16	4	1	17	67
OAKLAND	8,216	1,187	750	320	117	832	101
OCEANA	162	26	16	8	2	17	105
OGEMAW	91	29	18	8	3	20	220
ONTONAGON	107	23	14	8	1	15	140
OSCEOLA	143	35	22	9	4	25	175
OSCODA	38	8	3	3	2	4	105
OTSEGO	90	16	10	5	1	11	122
OTTAWA	1,133	306	214	73	19	228	201
PRESQUE ISLE	126	39	23	12	4	26	206
ROSCOMMON	76	11	5	6		5	66
SAGINAW	2,138	389	241	110	38	267	125
ST CLAIR	1,132	185	122	45	18	135	119
ST JOSPEH	438	37	23	10	4	26	59
SANILAC	335	37	18	17	2	19	57
SCHOOLCRAFT	78	31	14	10	7	18	231
SHIAWASSEE	590	103	71	22	10	79	134
TUSCOLA	459	51	31	16	4	34	74
VAN BUREN	532	88	57	22	9	63	18
WASHTENAW	2,040	355	248	79	28	269	132
WAYNE	27,138	4,848	3,476	822	550	3,921	144
WEXFORD	179	73	49	17	7	54	302
COUNTY NOT IDENT.		23	11	9	3	13	
OUT OF STATE RES.		83	83			83	
State Totals	**85,108**	**16,122**	**10,781**	**3,778**	**1,563**	**11,948**	**140**
MINNESOTA							
AITKIN	125	8	5	3		5	40
ANOKA	1,359	164	114	50		114	84
BECKER	254	35	28	5	2	30	118
BELTRAMI	230	20	14	6		14	61
BENTON	186	15	12	3		12	65
BIG STONE	82	13	11	2		11	134
BLUE EARTH	466	16	13	3		13	28
BROWN	286	126	104	21	1	105	367
CARLTON	285	32	21	10	1	22	77
CARVER	259	25	23	2		23	89
CASS	165	9	8	1		8	48
CHIPPEWA	156	24	19	4	1	20	128
CHISAGO	145	15	11	4		11	76
CLAY	416	40	29	11		29	70
CLEARWATER	79	15	11	4		11	139
COOK	38	3	2	1		2	53
COTTONWOOD	152	27	19	8		19	125
CROW WING	324	51	37	14		37	114
DAKOTA	1,145	152	115	37		115	100
DODGE	134	7	6	1		6	45
DOUGLAS	220	44	37	7		37	168
FARIBAULT	216	36	25	11		25	116
FILLMORE	199	32	22	10		22	111
FREEBORN	370	29	21	8		21	57
GOODHUE	340	91	78	11	2	80	235
GRANT	87	18	11	7		11	126
HENNEPIN	9,068	1,493	1,190	274	29	1,214	134

HOUSTON	184	14	12	2		12	65
HUBBARD	99	9	7	2		7	71
ISANTI	162	8	7	1		7	43
ITASCA	352	55	44	9	2	46	131
JACKSON	134	17	14	3		14	104
KANABEC	91	4	2	2		2	22
KANDIYOHI	299	105	85	19	1	86	288
KITTSON	72	5	3	2		3	42
KOOCHICHING	179	20	14	4	2	16	89
LAC QUI PARLE	121	10	7	3		7	58
LAKE	128	7	7			7	55
LAKE OF THE WOOD	38	7	5	2		5	132
LE SUEUR	201	53	39	14		39	194
LINCOLN	93	5	5			5	54
LYON	222	52	38	13	1	39	176
MCLEOD	261	62	55	6	1	56	215
MAHNOMAN	67	6	4	2		4	60
MARSHALL	147	18	14	4		14	95
MARTIN	244	29	22	6	1	23	94
MEEKER	189	39	29	10		29	153
MILLE LACS	157	26	20	6		20	127
MORRISON	276	43	39	4		39	141
MOWER	475	89	74	13	2	76	160
MURRAY	140	12	9	3		9	64
NICOLLET	233	155	124	27	4	127	545
NOBLES	228	29	17	10	2	18	79
NORMAN	109	14	13	1		13	119
OLMSTED	688	250	199	40	11	208	302
OTTER TAIL	487	61	46	15		46	94
PENNINGTON	119	41	30	9	2	32	269
PINE	168	9	9			9	54
PIPESTONE	130	21	14	7		14	108
POLK	362	108	81	27		81	224
POPE	112	23	19	4		19	170
RAMSEY	4,442	765	626	122	17	640	144
RED LAKE	63	13	12	1		12	190
REDWOOD	199	35	26	8	1	27	136
RENVILLE	209	61	42	19		42	201
RICE	414	105	93	12		93	225
ROCK	106	20	15	4	1	16	151
ROSEAU	109	20	19	1		19	174
ST LOUIS	2,375	483	389	89	5	393	165
SCOTT	303	44	33	10	1	34	112
SHERBURNE	161	9	8	1		8	50
SIBLEY	162	32	28	3	1	29	179
STEARNS	927	136	123	11	2	125	135
STEELE	280	37	28	9		28	100
STEVENS	116	31	26	4	1	27	233
SWIFT	142	23	17	4	2	19	134
TODD	241	20	18	2		18	75
TRAVERSE	72	6	5	1		5	69
WABASHA	162	19	13	3	3	15	93
WADENA	127	27	22	5		22	173
WASECA	156	14	10	4		10	64
WASHINGTON	705	72	61	10	1	62	88
WATONWAN	133	27	21	5	1	22	165
WILKIN	102	25	21	4		21	206
WINONA	429	96	77	16	3	79	184
WRIGHT	340	30	22	8		22	65
YELLOW MEDICINE	148	24	17	7		17	115
COUNTY NOT IDENT.		13	6	7		6	
OUT OF STATE RES.		93	93			93	
State totals	**36,376**	**6,226**	**4,964**	**1,158**	**104**	**5,053**	**139**

State and county	Population (in hundreds)	All licensed practical nurses				Estimated employed	
		Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
MISSISSIPPI							
ADAMS	411	57	52	3	2	54	131
ALCORN	270	31	30	1		30	111
AMITE	147	6	4	2		4	27
ATTALA	226	23	23			23	102
BENTON	82	2	1	1		1	12
BOLIVAR	557	90	71	11	8	78	140
CALHOUN	153	18	15	3		15	98
CARROLL	105	4	3	1		3	29
CHICKASAW	184	28	27	1		27	147
CHOCTAW	81	3	2		1	3	37
CLAIBORNE	114	3	3			3	26
CLARKE	161	11	10	1		10	62
CLAY	196	15	15			15	77
COAHOMA	462	147	119	22	6	124	268
COPIAH	271	31	23	7	1	24	89
COVINGTON	143	30	25	5		25	175
DE SOTO	307	11	2	7	2	2	7
FORREST	587	141	114	19	8	121	206
FRANKLIN	89	7	7			7	79
GEORGE	119	28	24	4		24	202
GREENE	90	6	4		2	6	67
GRENADA	206	27	21	6		21	102
HANCOCK	182	30	23	6	1	24	132
HARRISON	1,425	249	193	46	10	201	141
HINDS	2,187	563	467	78	18	482	220
HOLMES	246	18	15	2	1	16	65
HUMPHREYS	194	15	13		2	15	77
ISSAQUENA	17						
ITAWAMBA	164	4	4			4	24
JACKSON	743	195	142	44	9	149	201
JASPER	161	9	8		1	9	56
JEFFERSON	101	2	2			2	20
JEFFERSON DAVIS	139	11	8	2	1	9	65
JONES	586	174	148	21	5	152	259
KEMPER	114	8	7		1	8	70
LAFAYETTE	233	30	23	5	2	25	107
LAMAR	140	30	26	3	1	27	193
LAUDERDALE	743	250	208	35	7	214	288
LAWRENCE	98	13	10	1	2	12	122
LEAKE	174	10	8	2		8	46
LEE	442	48	37	10	1	38	86
LEFLORE	485	46	36	8	2	38	78
LINCOLN	272	27	24	1	2	26	96
LOWNDES	539	22	18	4		18	33
MADISON	336	20	17	3		17	51
MARION	236	42	30	11	1	31	131
MARSHALL	257	7	6	1		6	23
MONROE	348	26	21	3	2	23	66
MONTGOMERY	152	8	7		1	8	53
NESHOBA	206	16	12	4		12	58
NEWTON	201	21	20	1		20	100
NOXUBEE	168	14	11	3		11	65
OKTIBBEHA	292	21	18	3		18	62
PANOLA	291	24	22	2		22	76

PEARL RIVER	300	35	27	8		27	90
PERRY	91	9	8	1		8	88
PIKE	346	55	43	11	1	44	127
PONTOTOC	173	27	20	7		20	116
PRENTISS	205	25	22	3		22	107
QUITMAN	203	22	16	6		16	79
RANKIN	417	86	72	8	6	77	185
SCOTT	219	14	10	3	1	11	50
SHARKEY	107	5	3	1	1	4	37
SIMPSON	204	52	40	10	2	42	206
SMITH	143	7	7			7	49
STONE	82	16	12	3	1	13	159
SUNFLOWER	447	27	23	2	2	25	56
TALLAHATCHIE	223	17	16	1		16	72
TATE	203						
TIPPAH	166	22	19	3		19	114
TISHOMINGO	151	22	15	7		15	99
TUNICA	171	4	4			4	23
UNION	184	12	10	1	1	11	60
WALTHALL	139	23	19	3	1	20	144
WARREN	470	150	121	27	2	123	262
WASHINGTON	817	118	99	13	6	104	127
WAYNE	166	18	15	2	1	16	96
WEBSTER	107	15	11	3	1	12	112
WILKINSON	123	9	8		1	9	73
WINSTON	189	15	10	3	2	12	63
YALOBUSHA	130	21	15	3	3	17	131
YAZOO	322	38	29	7	2	31	96
COUNTY NOT IDENT.		8	4	4		4	
OUT OF STATE RES.		35	35			35	
State Totals	**23,331**	**3,579**	**2,912**	**533**	**134**	**3,029**	**130**
MISSOURI							
ADAIR	197	61	50	11		50	254
ANDREW	115	19	15	4		15	130
ATCHISON	84	3	2	1		2	24
AUDRAIN	260	80	71	8	1	72	277
BARRY	182	25	19	6		19	104
BARTON	101	23	18	4	1	19	188
BATES	155	32	29	2	1	30	194
BENTON	91	12	7	4	1	8	88
BOLLINGER	83	4	3	1		3	36
BOONE	648	155	135	16	4	139	215
BUCHANAN	892	124	97	16	11	106	119
BUTLER	339	132	113	13	6	118	348
CALDWELL	80	7	5	2		5	63
CALLAWAY	261	58	45	9	4	48	184
CAMDEN	107	5	4	1		4	37
CAPE GIRARDEAU	484	67	46	19	2	47	97
CARROLL	123	18	15	2	1	16	130
CARTER	44						
CASS	413	38	32	5	1	33	80
CEDAR	92	16	11	4	1	12	130
CHARITON	108	8	7	1		7	65
CHRISTIAN	132	12	8	4		8	61
CLARK	80	3	3			3	38
CLAY	1,097	121	95	22	4	98	89
CLINTON	117	17	13	3	1	14	120
COLE	450	77	64	6	7	70	156
COOPER	160	17	11	2	4	14	88
CRAWFORD	130	6	4	2		4	31

State and county	Population (in hundreds)	All licensed practical nurses				Estimated employed	
		Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
MISSOURI—Continued							
DADE	67	10	8	1	1	9	134
DALLAS	92	4	3	1		3	33
DAVIESS	78	8	5	2	1	6	77
DE KALB	68	9	6	3		6	88
DENT	101	9	7	1	1	8	79
DOUGLAS	92	1		1			
DUNKLIN	346	64	52	11	1	53	153
FRANKLIN	524	48	32	13	3	34	65
GASCONADE	114	7	6	1		6	53
GENTRY	77	7	6		1	7	91
GREENE	1,404	324	253	57	14	264	188
GRUNDY	120	30	24	5	1	25	208
HARRISON	99	15	12	3		12	121
HENRY	182	36	30	5	1	31	170
HICKORY	42	6	3	3		3	71
HOLT	68	5	3	1	1	4	59
HOWARD	104	23	23			23	221
HOWELL	228	15	10	4	1	11	48
IRON	83	18	15	1	2	17	205
JACKSON	6,603	1,280	1,034	180	66	1,090	165
JASPER	810	235	193	30	12	203	251
JEFFERSON	888	68	56	9	3	59	66
JOHNSON	294	72	58	11	3	61	207
KNOX	58	10	9		1	10	172
LACLEDE	183	22	19	1	2	21	115
LAFAYETTE	263	22	18	4		18	68
LAWRENCE	236	93	86	6	1	87	369
LEWIS	102	4	1	1	2	2	20
LINCOLN	165	28	25	2	1	26	158
LINN	166	26	24	1	1	25	151
LIVINGSTON	159	23	19	4		19	119
MCDONALD	115	10	6	3	1	7	61
MACON	151	22	16	4	2	18	119
MADISON	93	29	22	3	4	26	280
MARIES	78	1	1			1	13
MARION	285	79	54	17	8	60	211
MERCER	50	11	8	2	1	9	180
MILLER	146	10	9	1		9	62
MISSISSIPPI	187	8	4	3	1	5	27
MONITEAU	105	7	6	1		6	57
MONROE	103	7	6	1		6	58
MONTGOMERY	107	20	12	5	3	14	131
MORGAN	91	4	3	1		3	33
NEW MADRID	291	8	6	2		6	21
NEWTON	304	43	31	11	1	32	105
NODAWAY	219	26	18	7	1	19	87
OREGON	89	7	4	2	1	5	56
OSAGE	104	2	1		1	2	19
OZARK	64	1		1			
PEMISCOT	333	21	16	4	1	17	51
PERRY	144	18	12	6		12	83
PETTIS	342	2	2			2	6
PHELPS	266	20	12	7	1	13	49
PIKE	157	27	21	3	3	24	153

PLATTE	291	8	6	2		6	21
POLK	130	14	11	2	1	12	92
PULAKSI	444	25	19	5	1	20	45
PUTNAM	57	5	4		1	5	88
RALLS	81	13	9	3	1	10	123
RANDOLPH	210	45	34	8	3	36	171
RAY	167	18	17	1		17	102
REYNOLDS	51	2		1	1		
RIPLEY	94	10	10			10	106
ST CHARLES	772	52	41	8	3	44	57
ST CLAIR	76	9	9			9	118
ST FRANCOIS	384	94	79	11	4	83	216
ST LOUIS	8,873	239	187	40	12	197	22
ST LOUIS CITY	6,919	2,697	2,293	275	129	2,408	348
STE GENEVIEVE	124	11	8	2	1	9	73
SALINE	255	23	15	6	2	16	63
SCHUYLER	46	4	4			4	87
SCOTLAND	54	1		1			
SCOTT	325	42	35	2	5	40	123
SHANNON	69	1		1			
SHELBY	83	6	2	4		2	24
STODDARD	263	28	18	9	1	19	72
STONE	82	4	3	1		3	37
SULLIVAN	75	14	14			14	187
TANEY	100	16	14		2	16	160
TEXAS	175	15	13	2		13	74
VERNON	197	92	74	13	5	78	396
WARREN	92	11	9	2		9	98
WASHINGTON	134	11	9	1	1	10	75
WAYNE	81	10	3	7		3	37
WEBSTER	137	24	17	7		17	124
WORTH	32						
WRIGHT	137	11	7	3	1	8	58
COUNTY NOT IDENT.		9	2	1	6	6	
OUT OF STATE RES.		292	292			292	
State totals	**45,675**	**7,901**	**6,490**	**1,032**	**379**	**6,819**	**149**
MONTANA							
BEAVERHEAD	78	7	6	1		6	77
BIG HORN	112	14	8	6		8	71
BLAiNE	78	8	6	2		6	77
BROADWATER	27	2	2			2	74
CARBON	79	7	5	2		5	63
CARTER	23	2	2			2	87
CASCADE	865	109	80	28	1	81	94
CHOUTEAU	71	5	3	2		3	42
CUSTER	163	9	6	3		6	37
DANIELS	36						
DAWSON	129	4	3	1		3	23
DEER LODGE	187	34	29	5		29	155
FALLON	45	4	4			4	89
FERGUS	145	26	19	7		19	131
FLATHEAD	352	50	37	13		37	105
GALLATIN	279	37	22	14	1	23	82
GARFIELD	21						
GLACIER	134	21	15	6		15	112
GOLDEN VALLEY	12	2	2			2	167
GRANITE	29	5	3	2		3	103
HILL	184	35	28	7		28	152
JEFFERSON	56	5	4	1		4	71
JUDITH BASIN	29	2		2			

State and county	Population (in hundreds)	All licensed practical nurses: Total	Employed	Not employed	No answer	Estimated employed: Number (adjusted fig.)	Nurse-population ratio
MONTANA—Continued							
LAKE	142	16	11	5		11	77
LEWIS AND CLARK	320	39	31	8		31	97
LIBERTY	26	2		2			
LINCOLN	142	5		5			
MCCONE	33						
MADISON	49	3	2	1		2	41
MEAGHER	26	4	2	2		2	77
MINERAL	34	3	1	2		1	29
MISSOULA	496	101	81	20		81	163
MUSSELSHELL	44	2	2			2	45
PARK	123	13	8	5		8	65
PETROLEUM	9						
PHILLIPS	59	2	1	1		1	17
PONDERA	80	3	2	1		2	25
POWDER RIVER	25	1	1			1	40
POWELL	76	8	6	2		6	79
PRAIRIE	22	3	3			3	136
RAVALLI	130	19	14	4	1	15	115
RICHLAND	109	9	7	2		7	64
ROOSEVELT	121	13	9	4		9	74
ROSEBUD	60	5	1	4		1	17
SANDERS	70	6	4	2		4	57
SHERIDAN	65	3	2	1		2	31
SILVER BOW	474	40	28	12		28	59
STILLWATER	51	7	4	3		4	78
SWEET GRASS	30	3	3			3	100
TETON	71	2	1	1		1	14
TOOLE	75	11	7	4		7	93
TREASURE	13						
VALLEY	218	6	2	4		2	9
WHEATLAND	28						
WIBAUX	17						
YELLOWSTONE	876	83	60	22	1	61	70
COUNTY NOT IDENT.		2		2			
OUT OF STATE RES.		10	10			10	
State totals	**7,248**	**812**	**587**	**221**	**4**	**591**	**82**
NEBRASKA							
ADAMS	296	30	26	4		26	88
ANTELOPE	88	4	1	3		1	11
ARTHUR	7						
BANNER	13						
BLAINE	10	2		2			
BOONE	81	4	2	2		2	25
BOX BUTTE	110	40	31	9		31	282
BOYD	41						
BROWN	44	9	6	2	1	7	159
BUFFALO	275	64	51	13		51	185
BURT	91	5	2	3		2	22
BUTLER	93	3	1	1	1	2	22
CASS	171	12	8	3	1	9	53
CEDAR	130	3	1	2		1	8

CHASE	40	2	1	1		1	25
CHERRY	81	7	7			7	86
CHEYENNE	137	16	12	4		12	88
CLAY	85	2	1	1		1	12
COLFAX	91						
CUMING	119	17	11	6		11	92
CUSTER	149	7	4	3		4	27
DAKOTA	118	8	4	2	2	5	42
DAWES	90	16	10	6		10	111
DAWSON	200	21	14	6	1	15	75
DEUEL	28						
DIXON	80						
DODGE	364	16	10	4	2	11	30
DOUGLAS	3,908	556	431	110	15	443	113
DUNDY	28	7	4	3		4	143
FILLMORE	92	8	7	1		7	76
FRANKLIN	47	6	3	3		3	64
FRONTIER	35	3	1	2		1	29
FURNAS	73	7	6	1		6	82
GAGE	258	23	17	6		17	66
GARDEN	32	4	2	2		2	63
GARFIELD	26						
GOSPER	22						
GRANT	9						
GREELEY	42	3	3			3	71
HALL	400	48	37	11		37	93
HAMILTON	86	10	6	4		6	70
HARLAN	41	2	2			2	49
HAYES	18						
HITCHCOCK	43	2	2			2	47
HOLT	132	5	5			5	38
HOOKER	12	2	2			2	167
HOWARD	63	4	3	1		3	48
JEFFERSON	105	1	1			1	10
JOHNSON	60	1	1			1	17
KEARNEY	66	10	7	3		7	106
KEITH	81	16	11	5		11	136
KEYA PAHA	14	2	1	1		1	71
KIMBALL	81	7	6	1		6	74
KNOX	128	9	8	1		8	63
LANCASTER	1,781	166	129	32	5	133	75
LINCOLN	290	38	26	9	3	28	97
LOGAN	11						
LOUP	11						
MCPHERSON	7	1	1			1	143
MADISON	264	17	13	4		13	49
MERRICK	81	3	2	1		2	25
MORRILL	62	4	3	1		3	48
NANCE	53	2	2			2	38
NEMAHA	82	6	4	2		4	49
NUCKOLLS	77	6	5	1		5	65
OTOE	164	18	12	6		12	73
PAWNEE	46						
PERKINS	37	5	4	1		4	108
PHELPS	97	10	7	3		7	72
PIERCE	86	1	1			1	12
PLATTE	263	13	11	2		11	42
POLK	68	1	1			1	15
REDWILLOW	130	9	7	1	1	8	62
RICHARDSON	121	10	8	2		8	66
ROCK	23						
SALINE	128	9	9			9	70
SARPY	557	35	20	14	1	21	38

State and county	Population (in hundreds)	All licensed practical nurses: Total	Employed	Not employed	No answer	Estimated employed: Number (adjusted fig.)	Nurse-population ratio
NEBRASKA—Continued							
SAUNDERS	175	6	5	1		5	29
SCOTTS BLUFF	345	47	38	8	1	39	113
SEWARD	140	11	9	2		9	64
SHERIDAN	80	7	2	5		2	25
SHERMAN	47	1	1			1	21
SIOUX	25						
STANTON	50						
THAYER	82	2	1	1		1	12
THOMAS	9	1		1			
THURSTON	68	9	7	2		7	103
VALLEY	61	6	5		1	6	98
WASHINGTON	126	5	2	3		2	16
WAYNE	95						
WEBSTER	57	3	3			3	53
WHEELER	12						
YORK	140	11	4	7		4	29
COUNTY NOT IDENT.		8		7	1		
OUT OF STATE RES.		33	33			33	
State totals	**14,885**	**1,528**	**1,144**	**348**	**36**	**1,172**	**79**
NEVADA							
CHURCHILL	111	34	22	12		22	198
CLARK	2,563	344	230	108	6	234	91
DOUGLAS	58	6		6			
ELKO	142	46	38	7	1	39	275
ESMERALDA	3						
EUREKA	8	2		2			
HUMBOLDT	73	12	7	5		7	96
LANDER	21	5	4	1		4	190
LINCOLN	26	4	1	3		1	38
LYON	85	21	17	4		17	200
MINERAL	78	24	14	9	1	15	192
NYE	56	11	5	6		5	89
ORMSBY	152	16	9	7		9	59
PERSHING	31	6	6			6	194
STOREY	6	1		1			
WASHOE	1,255	239	169	67	3	171	136
WHITE PINE	107	17	12	5		12	112
COUNTY NOT IDENT.		5	1	3	1	1	
OUT OF STATE RES.		9	9			9	
State totals	**4,775**	**802**	**544**	**246**	**12**	**552**	**116**
NEW HAMPSHIRE							
BELKNAP	302	73	46	21	6	50	166
CARROLL	159	40	27	10	3	29	182
CHESHIRE	465	86	50	30	6	54	116
COOS	346	48	31	13	4	34	98
GRAFTON	505	158	108	45	5	112	222
HILLSBOROUGH	2,037	398	258	105	35	283	139
MERRIMACK	741	155	104	43	8	110	148

ROCKINGHAM	1,197	223	122	71	30	141	118
STRAFFORD	670	93	58	27	8	63	94
SULLIVAN	288	77	49	22	6	53	184
COUNTY NOT IDENT.		8	2	1	5	5	
OUT OF STATE RES.		77	77			77	
State totals	**6,710**	**1,436**	**932**	**388**	**116**	**1,011**	**151**
NEW JERSEY							
ATLANTIC	1,776	481	347	91	43	381	215
BERGEN	8,989	958	585	299	74	634	71
BURLINGTON	3,009	345	226	84	35	252	84
CAMDEN	4,565	519	378	108	33	404	88
CAPE MAY	538	116	79	33	4	82	152
CUMBERLAND	1,225	219	153	49	17	166	136
ESSEX	9,864	2,028	1,516	341	171	1,656	168
GLOUCESTER	1,578	212	139	58	15	150	95
HUDSON	6,113	566	385	126	55	426	70
HUNTERDON	640	108	58	43	7	62	97
MERCER	3,052	495	371	94	30	395	129
MIDDLESEX	5,578	695	407	230	58	444	80
MONMOUTH	4,268	689	448	188	53	485	114
MORRIS	3,481	770	484	238	48	516	148
OCEAN	1,566	361	210	122	29	228	146
PASSAIC	4,590	732	490	184	58	532	116
SALEM	641	149	112	32	5	116	181
SOMERSET	1,922	299	191	91	17	203	106
SUSSEX	639	111	66	36	9	72	113
UNION	5,661	845	551	226	68	599	106
WARREN	720	133	66	61	6	69	96
COUNTY NOT IDENT.		132	79	42	11	86	
OUT OF STATE RES.		123	123			123	
State totals	**70,415**	**11,086**	**7,464**	**2,776**	**846**	**8,081**	**115**
NEW MEXICO							
BERNALILLO	3,245	471	336	110	25	355	109
CATRON	24						
CHAVES	635	43	28	11	4	31	49
COLFAX	128	10	6	4		6	47
CURRY	367	39	29	10		29	79
DE BACA	25	4	4			4	160
DONA ANA	748	61	37	16	8	43	57
EDDY	538	127	99	17	11	108	201
GRANT	194	35	25	7	3	27	139
GUADALUPE	55	5	5			5	91
HARDING	18	1		1			
HIDALGO	50	4	3	1		3	60
LEA	565	75	51	16	8	57	101
LINCOLN	85	89	71	11	7	77	906
LOS ALAMOS	156	1		1			
LUNA	116	13	10	3		10	86
MCKINLEY	431	80	75	4	1	76	176
MORA	59						
OTERO	350	35	12	20	3	13	37
QUAY	130	12	11		1	12	92
RIO ARRIBA	261	23	22	1		22	84
ROOSEVELT	172	18	11	4	3	13	76
SANDOVAL	160	15	12	3		12	75
SAN JUAN	484	31	19	9	3	21	43

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State and county	Population (in hundreds)	All licensed practical nurses				Estimated employed	
		Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
NEW MEXICO—Continued							
SAN MIGUEL	230	62	51	7	4	55	239
SANTA FE	520	129	98	24	7	104	200
SIERRA	70	10	6	4		6	86
SOCORRO	107	9	6	1	2	8	75
TAOS	180	9	5	3	1	6	33
TORRANCE	60	3	2	1		2	33
UNION	50	7	6	1		6	120
VALENCIA	385	28	17	10	1	18	47
COUNTY NOT IDENT.		9	2	7		2	
OUT OF STATE RES.		57	57			57	
State totals	**10,598**	**1,515**	**1,116**	**307**	**92**	**1,188**	**112**
NEW YORK							
ALBANY	2,949	564	366	190	8	371	126
ALLEGANY	452	143	90	53		90	199
BRONX	15,126	3,108	2,525	529	54	2,570	170
BROOME	2,250	582	383	194	5	386	172
CATTARAUGUS	830	274	170	99	5	173	208
CAYUGA	782	228	157	69	2	158	202
CHAUTAUQUA	1,539	479	296	177	6	300	195
CHEMUNG	1,044	161	104	55	2	105	101
CHENANGO	475	139	80	56	3	82	173
CLINTON	825	129	84	43	2	85	103
COLUMBIA	530	139	85	51	3	87	164
CORTLAND	445	120	69	50	1	70	157
DELAWARE	476	98	53	45		53	111
DUTCHESS	2,130	465	289	168	8	294	138
ERIE	10,922	1,817	1,308	489	20	1,323	121
ESSEX	361	101	61	38	2	62	172
FRANKLIN	447	137	85	47	5	88	197
FULTON	523	72	53	19		53	101
GENESEE	597	168	108	57	3	110	184
GREENE	334	89	47	41	1	48	144
HAMILTON	47	8	3	5		3	64
HERKIMER	699	152	109	43		109	156
JEFFERSON	912	282	204	77	1	205	225
KINGS	26,557	4,270	3,389	830	51	3,430	129
LEWIS	252	66	49	17		49	194
LIVINGSTON	496	118	64	52	2	65	131
MADISON	605	155	88	64	3	90	149
MONROE	6,683	1,337	820	499	18	831	124
MONTGOMERY	551	124	83	38	3	85	154
NASSAU	14,592	1,568	1,039	515	14	1,048	72
NEW YORK CO	16,260	3,349	2,673	628	48	2,712	167
NIAGARA	2,385	570	431	133	6	436	183
ONEIDA	2,836	760	507	245	8	512	181
ONONDAGA	4,726	873	562	302	9	568	120
ONTARIO	754	324	202	116	6	206	273
ORANGE	2,122	477	303	172	2	304	143
ORLEANS	388	74	46	28		46	119
OSWEGO	962	239	139	98	2	140	146
OTSEGO	554	165	110	53	2	111	200

PUTNAM	473	87	56	31		56	118
QUEENS	19,850	3,086	2,333	705	48	2,370	119
RENSSELAER	1,565	337	231	102	4	234	150
RICHMOND	2,722	569	381	176	12	389	143
ROCKLAND	2,079	332	219	107	6	223	107
ST LAWRENCE	1,184	225	144	81		144	122
SARATOGA	1,049	253	129	122	2	130	124
SCHENECTADY	1,624	477	288	183	6	292	180
SCHOHARIE	232	59	34	24	1	35	151
SCHUYLER	167	44	27	17		27	162
SENECA	341	151	103	48		103	302
STEUBEN	1,026	157	97	60		97	95
SUFFOLK	10,177	1,581	1,055	504	22	1,070	105
SULLIVAN	493	99	57	40	2	58	118
TIOGA	453	63	41	22		41	91
TOMPKINS	734	171	107	62	2	108	147
ULSTER	1,384	246	142	101	3	144	104
WARREN	495	166	104	61	1	105	212
WASHINGTON	547	153	88	60	5	91	166
WAYNE	755	228	139	89		139	184
WESTCHESTER	8,893	1,636	1,208	402	26	1,228	138
WYOMING	376	58	36	22		36	96
YATES	195	62	36	25	1	37	190
COUNTY NOT IDENT.		43	29	7	7	35	
OUT OF STATE RES.		643	643			643	
State totals	**182,232**	**34,850**	**24,961**	**9,436**	**453**	**25,293**	**139**
NORTH CAROLINA							
ALAMANCE	956	149	133	14	2	135	141
ALEXANDER	176	8	8			8	45
ALLEGHANY	81	9	6	3		6	74
ANSON	240	23	18	4	1	19	79
ASHE	201	3	3			3	15
AVERY	116	76	48	26	2	49	422
BEAUFORT	361	98	68	27	3	70	194
BERTIE	237	16	12	4		12	51
BLADEN	259	13	11	2		11	42
BRUNSWICK	215	16	14	2		14	65
BUNCOMBE	1,433	345	278	61	6	283	197
BURKE	589	93	72	15	6	77	131
CABARRUS	725	61	47	10	4	50	69
CALDWELL	555	83	66	15	2	68	123
CAMDEN	53	18	14	4		14	264
CARTERET	365	27	19	7	1	20	55
CASWELL	199	8	3	2	3	5	25
CATAWBA	843	22	19	3		19	23
CHATHAM	290	23	17	6		17	59
CHEROKEE	161	13	12	1		12	75
CHOWAN	118	15	12	2	1	13	110
CLAY	54	3	2	1		2	37
CLEVELAND	705	131	103	27	1	104	148
COLUMBUS	488	10	6	4		6	12
CRAVEN	659	69	55	13	1	56	85
CUMBERLAND	1,865	175	111	54	10	118	63
CURRITUCK	70	17	11	6		11	157
DARE	66	4	1	3		1	15
DAVIDSON	927	81	66	12	3	69	74
DAVIE	183	34	29	4	1	30	164
DUPLIN	374	50	42	7	1	43	115
DURHAM	1,246	795	701	74	20	719	577
EDGECOMBE	570	29	21	8		21	37

State and county	Population (in hundreds)	All licensed practical nurses				Estimated employed	
		Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
NORTH CAROLINA—Continued							
FORSYTH	2,195	294	233	52	9	240	109
FRANKLIN	280	33	31	2		31	111
GASTON	1,386	111	91	17	3	94	68
GATES	96	5	2	3		2	21
GRAHAM	65						
GRANVILLE	354	63	52	8	3	55	155
GREENE	169	6	5	1		5	30
GUILFORD	2,767	299	238	48	13	249	90
HALIFAX	618	42	33	5	4	36	58
HARNETT	494	57	49	7	1	50	101
HAYWOOD	412	94	78	13	3	81	197
HENDERSON	401	70	49	17	4	52	130
HERTFORD	251	25	20	4	1	21	84
HOKE	177	27	21	6		21	119
HYDE	54	4		4			
IREDELL	687	33	26	6	1	27	39
JACKSON	177	23	17	3	3	20	113
JOHNSTON	603	66	56	9	1	57	95
JONES	100						
LEE	300	76	63	12	1	64	213
LENOIR	609	82	67	11	4	70	115
LINCOLN	311	15	9	6		9	29
MCDOWELL	282	30	21	8	1	22	78
MACON	146	8	4	3	1	5	34
MADISON	153	6	4	2		4	26
MARTIN	252	19	16	2	1	17	67
MECKLENBURG	3,373	430	349	62	19	365	108
MITCHELL	131	18	8	10		8	61
MONTGOMERY	199	2	1	1		1	5
MOORE	401	83	67	13	3	70	175
NASH	658	76	61	14	1	62	94
NEW HANOVER	793	94	78	13	3	81	102
NORTHAMPTON	264	11	7	3	1	8	30
ONSLOW	1,011	58	30	20	8	35	35
ORANGE	493	116	99	16	1	100	203
PAMLICO	97	2		1	1		
PASQUOTANK	269	93	74	18	1	75	279
PENDER	170	13	11	2		11	65
PERQUIMANS	85	17	14	3		14	165
PERSON	281	34	27	7		27	96
PITT	757	82	63	14	5	67	89
POLK	110	19	18	1		18	164
RANDOLPH	709	82	63	17	2	65	92
RICHMOND	392	53	41	11	1	42	107
ROBESON	909	49	39	9	1	40	44
ROCKINGHAM	720	49	39	8	2	41	57
ROWAN	878	75	55	18	2	57	65
RUTHERFORD	452	25	19	4	2	21	46
SAMPSON	480	21	15	5	1	16	33
SCOTLAND	270	42	32	8	2	34	126
STANLY	437	39	27	12		27	62
STOKES	238	14	11	3		11	46
SURRY	506	31	23	7	1	24	47
SWAIN	88	16	10	6		10	114

TRANSYLVANIA	185	14	4	7	3	5	27
TYRRELL	43						
UNION	496	57	52	3	2	54	109
VANCE	340	53	44	7	2	46	135
WAKE	2,070	295	228	58	9	235	114
WARREN	183	14	11	2	1	12	66
WASHINGTON	141	11	8	3		8	57
WATAUGA	187	30	21	9		21	112
WAYNE	948	253	180	63	10	187	197
WILKES	477	9	6	3		6	13
WILSON	605	81	68	9	4	72	119
YADKIN	244	25	17	7	1	18	74
YANCEY	129	9	9			9	70
COUNTY NOT IDENT.		22	16	6		16	
OUT OF STATE RES.		71	71			71	
State Totals	**49,938**	**6,593**	**5,229**	**1,153**	**211**	**5,407**	**108**
NORTH DAKOTA							
ADAMS	41	8	6	2		6	146
BARNES	185	22	20	2		20	108
BENSON	86	12	9	3		9	105
BILLINGS	13						
BOTTINEAU	102	7	6	1		6	59
BOWMAN	42	5	5			5	119
BURKE	54	2	2			2	37
BURLEIGH	373	65	54	11		54	145
CASS	712	119	102	17		102	143
CAVALIER	80	3	2	1		2	25
DICKEY	73	5	4	1		4	55
DIVIDE	47	4	2	2		2	43
DUNN	50	2		2			
EDDY	44	2	2			2	45
EMMONS	70	4	3	1		3	43
FOSTER	54	2	2			2	37
GOLDEN VALLEY	27	5	2	3		2	74
GRAND FORKS	607	67	48	19		48	79
GRANT	62	7	5	2		5	81
GRIGGS	45	1	1			1	22
HETTINGER	49	3		3			
KIDDER	49	1		1			
LA MOURE	79	6	3	3		3	38
LOGAN	46	1	1			1	22
MCHENRY	98	5	3	2		3	31
MCINTOSH	64	12	12			12	188
MCKENZIE	68	4	3	1		3	44
MCLEAN	136	7	5	2		5	37
MERCER	71	6	4	1	1	5	70
MORTON	216	13	11	2		11	51
MOUNTRAIL	93	6	4	2		4	43
NELSON	71	5	3	2		3	42
OLIVER	21	1	1			1	48
PEMBINA	114	12	10	2		10	88
PIERCE	62	21	14	7		14	226
RAMSEY	127	33	28	5		28	220
RANSOM	73	3	2	1		2	27
RENVILLE	52						
RICHLAND	188	20	13	7		13	69
ROLETTE	123	14	10	4		10	81
SARGENT	63	3	1	2		1	16
SHERIDAN	28	2	1	1		1	36
SIOUX	56	3	2	1		2	36

State and county	Population (in hundreds)	All licensed practical nurses				Estimated employed	
		Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
NORTH DAKOTA—Continued							
SLOPE	13						
STARK	191	70	55	14	1	56	293
STEELE	39	5	4	1		4	103
STUTSMAN	245	22	18	4		18	73
TOWNER	48	3	1	2		1	21
TRAILL	121	6	5	1		5	41
WALSH	183	17	14	3		14	77
WARD	569	41	27	13	1	28	49
WELLS	96	5	4	1		4	42
WILLIAMS	251	35	32	3		32	127
COUNTY NOT IDENT.		6	4	2		4	
OUT OF STATE RES.		33	33			33	
State Totals	**6,470**	**766**	**603**	**160**	3	**606**	**94**
OHIO							
ADAMS	205	36	29	7		29	141
ALLEN	1,138	244	194	46	4	197	173
ASHLAND	419	36	28	8		28	67
ASHTABULA	1,014	93	66	24	3	68	67
ATHENS	554	95	86	8	1	87	157
AUGLAIZE	380	75	53	21	1	54	142
BELMONT	799	87	65	22		65	81
BROWN	253	19	13	5	1	14	55
BUTLER	2,268	324	256	58	10	264	116
CARROLL	211	13	9	4		9	43
CHAMPAIGN	324	52	41	11		41	127
CLARK	1,445	331	262	62	7	268	185
CLERMONT	992	55	42	11	2	44	44
CLINTON	335	38	29	9		29	87
COLUMBIANA	1,079	163	127	35	1	128	119
COSHOCTON	336	29	23	5	1	24	71
CRAWFORD	523	75	54	18	3	56	107
CUYAHOGA	17,465	3,842	3,130	631	81	3,197	183
DARKE	482	20	16	4		16	33
DEFIANCE	351	56	47	9		47	134
DELAWARE	398	49	36	12	1	37	93
ERIE	777	195	154	39	2	156	201
FAIRFIELD	725	59	46	12	1	47	65
FAYETTE	260	23	18	4	1	19	73
FRANKLIN	8,026	1,032	800	205	27	821	102
FULTON	294	92	73	17	2	75	255
GALLIA	271	24	18	5	1	19	70
GEAUGA	612	67	52	13	2	54	88
GREENE	1,175	108	88	17	3	91	77
GUERNSEY	380	82	73	9		73	192
HAMILTON	9,385	2,105	1,737	314	54	1,783	190
HANCOCK	606	62	51	9	2	53	87
HARDIN	304	51	38	11	2	40	132
HARRISON	172	11	10	1		10	58
HENRY	267	45	36	9		36	135
HIGHLAND	303	22	18	3	1	19	63
HOCKING	201	32	23	7	2	25	124

HOLMES	218	28	22	6		22	101
HURON	515	98	79	18	1	80	155
JACKSON	295	22	19	3		19	64
JEFFERSON	1,003	70	53	16	1	54	54
KNOX	407	113	91	18	4	94	231
LAKE	1,919	261	202	54	5	206	107
LAWRENCE	595	67	52	14	1	53	89
LICKING	1,047	98	77	16	5	81	77
LOGAN	358	59	45	12	2	47	131
LORAIN	2,665	627	507	111	9	514	193
LUCAS	4,873	1,310	1,053	230	27	1,075	221
MADISON	291	31	23	7	1	24	82
MAHONING	3,072	589	491	89	9	499	162
MARION	666	120	97	23		97	146
MEDINA	790	102	74	27	1	75	95
MEIGS	208	22	16	6		16	77
MERCER	348	32	24	7	1	25	72
MIAMI	809	115	85	27	3	87	108
MONROE	163	10	7	3		7	43
MONTGOMERY	5,977	1,001	754	228	19	769	129
MORGAN	133	21	19	2		19	143
MORROW	212	15	12	3		12	57
MUSKINGUM	815	73	55	17	1	56	69
NOBLE	106	11	8	3		8	75
OTTAWA	384	83	64	18	1	65	169
PAULDING	181	19	15	3	1	16	88
PERRY	267	7	7			7	26
PICKAWAY	405	37	28	7	2	30	74
PIKE	205	17	10	6	1	11	54
PORTAGE	1,106	91	70	20	1	71	64
PREBLE	350	41	29	11	1	30	86
PUTNAM	305	50	33	16	1	34	111
RICHLAND	1,344	193	154	35	4	157	117
ROSS	655	52	39	13		39	60
SANDUSKY	618	104	89	14	1	90	146
SCIOTO	833	153	129	21	3	132	158
SENECA	630	111	87	21	3	89	141
SHELBY	374	37	30	7		30	80
STARK	3,713	580	461	109	10	469	126
SUMMIT	5,690	923	712	196	15	724	127
TRUMBULL	2,370	291	238	50	3	240	101
TUSCARAWAS	795	62	52	8	2	54	68
UNION	232	21	18	3		18	78
VAN WERT	285	8	7	1		7	25
VINTON	98	10	6	3	1	7	71
WARREN	838	69	47	20	2	48	57
WASHINGTON	570	84	63	20	1	64	112
WAYNE	856	142	111	25	6	116	136
WILLIAMS	294	56	42	12	2	44	150
WOOD	793	132	97	31	4	100	126
WYANDOT	212	15	10	5		10	47
COUNTY NOT IDENT.		29	15	7	7	20	
OUT OF STATE RES.		314	314			314	
State Totals	**106,617**	**18,368**	**14,683**	**3,307**	**378**	**14,998**	**141**
OKLAHOMA							
ADAIR	138	7	4	3		4	29
ALFALFA	83	4	3	1		3	36
ATOKA	103	12	9		3	12	117
BEAVER	70	12	5	4	3	7	100

State and county	Population (in hundreds)	All licensed practical nurses				Estimated employed	
		Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
OKLAHOMA—Continued							
BECKHAM	162	40	23	10	7	28	173
BLAINE	119	9	9			9	76
BRYAN	229	53	39	6	8	46	201
CADDO	283	25	16	6	3	18	64
CANADIAN	286	23	16	4	3	18	63
CARTER	393	60	39	12	9	46	117
CHEROKEE	200	27	24	2	1	25	125
CHOCTAW	154	13	6	3	4	9	58
CIMARRON	45	12	7	3	2	8	178
CLEVELAND	687	90	59	23	8	65	95
COAL	54	13	13			13	241
COMANCHE	1,121	207	146	37	24	165	147
COTTON	72	4	1	2	1	1	14
CRAIG	158	58	48	7	3	51	323
CREEK	423	35	24	3	8	31	73
CUSTER	217	38	30	5	3	33	152
DELAWARE	138	15	6	6	3	8	58
DEWEY	61	3	3			3	49
ELLIS	57	24	13	5	6	17	298
GARFIELD	566	81	55	16	10	63	111
GARVIN	282	25	18	1	6	24	85
GRADY	280	36	28	3	5	33	118
GRANT	74	8	6	1	1	7	95
GREER	83	26	12	7	7	16	193
HARMON	54	10	7	3		7	130
HARPER	55	9	5	3	1	6	109
HASKELL	90	6	3	2	1	4	44
HUGHES	138	31	17	5	9	24	174
JACKSON	325	46	27	10	9	34	105
JEFFERSON	76	10	6	3	1	7	92
JOHNSTON	83	7	4	2	1	5	60
KAY	516	105	64	29	12	72	140
KINGFISHER	125	4	3		1	4	32
KIOWA	140	32	21	10	1	22	157
LATIMER	81	62	46	12	4	49	605
LE FLORE	302	26	20	3	3	23	76
LINCOLN	188	27	17	4	6	22	117
LOGAN	175	42	29	9	4	32	183
LOVE	58	2	2			2	34
MCCLAIN	127	11	6	1	4	9	71
MCCURTAIN	267	20	11	6	3	13	49
MCINTOSH	119	5	4	1		4	34
MAJOR	83	4	2	1	1	3	36
MARSHALL	73	10	9	1		9	123
MAYES	215	38	25	7	6	30	140
MURRAY	112	39	27	7	5	31	277
MUSKOGEE	627	158	124	25	9	131	209
NOBLE	95	9	5	3	1	6	63
NOWATA	94	21	14	6	1	15	160
OKFUSKEE	117	19	16	3		16	137
OKLAHOMA	5,041	985	705	155	125	808	160
OKMULGEE	348	50	37	6	7	43	124
OSAGE	286	15	12	3		12	42
OTTAWA	277	52	41	3	8	48	173
PAWNEE	105	26	23	3		23	219
PAYNE	500	66	47	13	6	52	104

PITTSBURG	352	83	56	11	16	69	196
PONTOTOC	277	114	75	23	16	87	314
POTTAWATOMIE	412	117	81	28	8	87	211
PUSHMATAHA	93	10	5	4	1	6	65
ROGER MILLS	52	4	2	1	1	3	58
ROGERS	236	31	19	7	5	23	97
SEMINOLE	246	48	37	5	6	42	171
SEQUOYAH	198	22	12	3	7	18	91
STEPHENS	383	73	53	12	8	60	157
TEXAS	151	13	8	2	3	10	66
TILLMAN	140	8	4	3	1	5	36
TULSA	3,850	521	394	68	59	444	115
WAGONER	156	11	7	2	2	9	58
WASHINGTON	505	95	73	14	8	80	158
WASHITA	196	29	13	13	3	15	77
WOODS	116	7	6	1		6	52
WOODWARD	150	47	39	2	6	45	300
COUNTY NOT IDENT.		10	3	5	2	4	
OUT OF STATE RES.		45	45			45	
State Totals	**24,943**	**4,195**	**2,973**	**713**	**509**	**3,387**	**136**
OREGON							
BAKER	157	13	9	4		9	57
BENTON	472	22	14	8		14	30
CLACKAMAS	1,430	144	106	36	2	107	75
CLATSOP	266	38	28	9	1	29	109
COLUMBIA	250	26	18	8		18	72
COOS	533	101	76	24	1	77	144
CROOK	87	34	27	7		27	310
CURRY	128	11	6	5		6	47
DESCHUTES	266	103	79	23	1	80	301
DOUGLAS	754	83	59	23	1	60	80
GILLIAM	31	2	2			2	65
GRANT	75	11	6	5		6	80
HARNEY	72	6	5	1		5	69
HOOD RIVER	142	10	8	2		8	56
JACKSON	934	148	106	41	1	107	115
JEFFERSON	106	8	6	2		6	57
JOSEPHINE	363	31	20	11		20	55
KLAMATH	488	72	44	28		44	90
LAKE	62	6	2	4		2	32
LANE	2,038	232	168	64		168	82
LINCOLN	234	23	9	13	1	9	38
LINN	659	49	32	15	2	33	50
MALHEUR	246	31	22	9		22	89
MARION	1,471	227	164	62	1	165	112
MORROW	46	4	2	2		2	43
MULTNOMAH	5,534	1,016	769	242	5	773	140
POLK	331	31	27	3	1	28	85
SHERMAN	33	4	2	2		2	61
TILLAMOOK	161	14	7	7		7	43
UMATILLA	439	117	81	35	1	82	187
UNION	176	29	17	12		17	97
WALLOWA	60	10	6	4		6	100
WASCO	233	29	15	14		15	64
WASHINGTON	1,272	209	130	78	1	131	103
WHEELER	17						
YAMHILL	373	36	26	10		26	70
COUNTY NOT IDENT.		6	1	5		1	
OUT OF STATE RES.		65	65			65	
State Totals	**19,939**	**3,001**	**2,164**	**818**	**19**	**2,179**	**109**

State and county	Population (in hundreds)	All licensed practical nurses				Estimated employed	
		Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
PENNSYLVANIA							
ADAMS	575	127	106	20	1	107	186
ALLEGHENY	15,913	4,155	3,196	851	108	3,281	206
ARMSTRONG	778	124	83	37	4	86	111
BEAVER	2,058	703	501	186	16	513	249
BEDFORD	443	61	46	15		46	104
BERKS	2,917	751	556	174	21	572	196
BLAIR	1,398	466	350	103	13	360	258
BRADFORD	561	124	85	37	2	86	153
BUCKS	3,672	768	530	207	31	552	150
BUTLER	1,209	327	226	93	8	232	192
CAMBRIA	1,928	676	467	188	21	482	250
CAMERON	75	4	3	1		3	40
CARBON	516	97	53	40	4	55	107
CENTRE	894	222	156	59	7	161	180
CHESTER	2,533	579	391	175	13	400	158
CLARION	384	42	28	13	1	29	76
CLEARFIELD	799	137	96	37	4	99	124
CLINTON	380	100	72	25	3	74	195
COLUMBIA	540	191	126	58	7	131	243
CRAWFORD	786	271	197	62	12	206	262
CUMBERLAND	1,426	404	268	123	13	277	194
DAUPHIN	2,332	512	373	122	17	386	166
DELAWARE	6,047	1,468	1,188	240	40	1,221	202
ELK	388	60	47	12	1	48	124
ERIE	2,644	624	478	130	16	491	186
FAYETTE	1,538	250	172	70	8	178	116
FOREST	46	9	5	3	1	6	130
FRANKLIN	985	279	200	77	2	201	204
FULTON	114	33	22	10	1	23	202
GREENE	371	84	62	17	5	66	178
HUNTINGDON	392	56	38	17	1	39	99
INDIANA	729	231	157	64	10	164	225
JEFFERSON	442	130	96	26	8	102	231
JUNIATA	166	48	33	12	3	35	211
LACKAWANNA	2,225	778	605	149	24	624	280
LANCASTER	3,042	1,006	721	266	19	735	242
LAWRENCE	1,121	245	170	68	7	175	156
LEBANON	965	367	265	94	8	271	281
LEHIGH	2,422	511	388	112	11	397	164
LUZERNE	3,441	993	657	309	27	675	196
LYCOMING	1,162	331	256	68	7	262	225
MCKEAN	533	183	124	53	6	128	240
MERCER	1,317	310	206	92	12	214	162
MIFFLIN	455	66	45	18	3	47	103
MONROE	440	75	47	26	2	48	109
MONTGOMERY	6,010	1,206	907	276	23	925	154
MONTOUR	178	183	149	27	7	155	871
NORTHAMPTON	2,136	564	383	171	10	390	183
NORTHUMBERLAND	1,003	190	142	44	4	145	145
PERRY	273	103	74	27	2	75	275
PHILADELPHIA	20,439	6,517	5,452	857	208	5,632	276
PIKE	101	10	6	4		6	59
POTTER	161	42	31	10	1	32	199
SCHUYLKILL	1,617	302	219	77	6	223	138

SNYDER	300	74	60	12	2	62	207
SOMERSET	757	304	216	76	12	225	297
SULLIVAN	59	10	3	7		3	51
SUSQUEHANNA	336	51	33	16	2	34	101
TIOGA	374	114	81	31	2	82	219
UNION	291	53	39	12	2	41	141
VENANGO	646	393	273	100	20	288	446
WARREN	485	277	200	70	7	205	423
WASHINGTON	2,135	568	420	123	25	439	206
WAYNE	281	96	65	30	1	66	235
WESTMORELAND	3,694	759	544	196	19	558	151
WYOMING	178	59	41	11	7	47	264
YORK	2,618	613	467	135	11	476	182
COUNTY NOT IDENT.		41	4	7	30	15	
OUT OF STATE RES.		240	240			240	
State Totals	**117,174**	**31,747**	**23,940**	**6,878**	**929**	**24,652**	**210**
RHODE ISLAND							
BRISTOL	435	66	47	17	2	48	110
KENT	1,348	358	269	83	6	274	203
NEWPORT	818	144	87	52	5	90	110
PROVIDENCE	5,672	1,358	1,027	293	38	1,057	186
WASHINGTON	756	155	88	56	11	95	126
COUNTY NOT IDENT.		9	4	4	1	5	
OUT OF STATE RES.		63	63			63	
State Totals	**9,029**	**2,153**	**1,585**	**505**	**63**	**1,632**	**181**
SOUTH CAROLINA							
ABBEVILLE	210	5	4	1		4	19
AIKEN	956	86	68	16	2	70	73
ALLENDALE	110						
ANDERSON	1,023	99	90	8	1	91	89
BAMBERG	160	4	3	1		3	19
BARNWELL	178	4	4			4	22
BEAUFORT	546	21	14	5	2	15	27
BERKELEY	512	28	19	8	1	20	39
CALHOUN	115	2	2			2	17
CHARLESTON	2,621	438	345	85	8	351	134
CHEROKEE	363	70	55	14	1	56	154
CHESTER	303	43	35	6	2	37	122
CHESTERFIELD	353	19	15	2	2	17	48
CLARENDON	295	11	9	1	1	10	34
COLLETON	280	65	48	14	3	50	179
DARLINGTON	571	61	54	6	1	55	96
DILLON	331	5	5			5	15
DORCHESTER	304	26	23	2	1	24	79
EDGEFIELD	162	3	3			3	19
FAIRFIELD	208	7	5	2		5	24
FLORENCE	941	125	105	18	2	107	114
GEORGETOWN	359	17	15	2		15	42
GREENVILLE	2,364	168	134	29	5	138	58
GREENWOOD	508	21	15	6		15	30
HAMPTON	172	8	6	2		6	35
HORRY	763	64	53	8	3	56	73
JASPER	128	2	1		1	2	16
KERSHAW	346	51	45	6		45	130
LANCASTER	436	59	48	9	2	50	115
LAURENS	495	15	9	4	2	10	20

State and county	Population (in hundreds)	All licensed practical nurses: Total	Employed	Not employed	No answer	Estimated employed: Number (adjusted fig.)	Nurse-population ratio
SOUTH CAROLINA—Continued							
LEE	215	2	2			2	9
LEXINGTON	752	80	67	12	1	68	90
MCCORMICK	91	2	1	1		1	11
MARION	323	41	39	2		39	121
MARLBORO	288	32	25	6	1	26	90
NEWBERRY	292	7	5	2		5	17
OCONEE	421	26	21	4	1	22	52
ORANGEBURG	715	39	27	11	1	28	39
PICKENS	519	44	40	4		40	77
RICHLAND	2,355	356	298	51	7	304	129
SALUDA	152	5	4	1		4	26
SPARTANBURG	1,642	152	130	18	4	134	82
SUMTER	873	57	39	14	4	42	48
UNION	295	30	27	3		27	92
WILLIAMSBURG	405	154	122	28	4	125	309
YORK	853	70	57	11	2	59	69
COUNTY NOT IDENT.		15	10	5		10	
OUT OF STATE RES.		37	37			37	
State Totals	**26,304**	**2,676**	**2,183**	**428**	**65**	**2,239**	**85**
SOUTH DAKOTA							
AURORA	47						
BEADLE	225	7	4	3		4	18
BENNETT	31	5	2	2	1	3	97
BON HOMME	89	13	9	3	1	10	112
BROOKINGS	197	13	9	3	1	10	51
BROWN	362	33	28	5		28	77
BRULE	74	2	2			2	27
BUFFALO	22	1		1			
BUTTE	86	1	1			1	12
CAMPBELL	31	1	1			1	32
CHARLES MIX	122	4	2	1	1	3	25
CLARK	62	2	1		1	2	32
CLAY	105	5	5			5	48
CODINGTON	201	25	21	3	1	22	109
CORSON	63	7	4	3		4	63
CUSTER	42	2		1	1		
DAVISON	170	49	38	9	2	40	235
DAY	98	11	10	1		10	102
DEUEL	61	4	4			4	66
DEWEY CO.	54	3	3			3	56
DOUGLAS	48	5	4	1		4	83
EDMUNDS	63	4	4			4	63
FALL RIVER	84	7	5	2		5	60
FAULK	46	8	6	1	1	7	152
GRANT	94	3	2		1	3	32
GREGORY	75	7	3	3	1	4	53
HAAKON	29	4		4			
HAMLIN	62	6	3	3		3	48
HAND	67	4	3	1		3	45
HANSON	44	2	2			2	45
HARDING	19						

HUGHES	122	46	38	5	3	41	336
HUTCHINSON	113	15	13	1	1	14	124
HYDE	30	1		1			
JACKSON	18	3	3			3	167
JERAULD	38	2	2			2	53
JONES	20	3	2	1		2	100
KINGSBURY	87	10	9	1		9	103
LAKE	114	12	8	3	1	9	79
LAWRENCE	176	11	4	5	2	5	28
LINCOLN	128	9	6	3		6	47
LYMAN	44	2		1	1		
MCCOOK	81	11	9	2		9	111
MCPHERSON	64						
MARSHALL	68	4	4			4	59
MEADE	193	15	8	6	1	9	47
MELLETTE	24	2	2			2	83
MINER	55	7	4	2	1	5	91
MINNEHAHA	995	215	171	32	12	181	182
MOODY	93	2	1	1		1	11
PENNINGTON	665	49	35	11	3	37	56
PERKINS	45	6	3	3		3	67
POTTER	53	14	13	1		13	245
ROBERTS	131	11	8	1	2	10	76
SANBORN	45	1		1			
SHANNON	84	11	9	1	1	10	119
SPINK	111	6	4	2		4	36
STANLEY	25	7	7			7	280
SULLY	27	6	3	3		3	111
TODD	50	17	12	5		12	240
TRIPP	92	7	7			7	76
TURNER	111	13	3	8	2	4	36
UNION	101	8	6	2		6	59
WALWORTH	86	6	3	3		3	35
WASHABAUGH	12						
YANKTON	193	22	17	3	2	19	98
ZIEBACH	21	1	1			1	48
COUNTY NOT IDENT.		4	3	1		3	
OUT OF STATE RES.		20	20			20	
State Totals	**7,088**	**817**	**614**	**159**	**44**	**651**	**92**
TENNESSEE							
ANDERSON	631	74	55	17	2	57	90
BEDFORD	242	83	67	15	1	68	281
BENTON	111	10	7	3		7	63
BLEDSOE	86	6	5	1	5	5	58
BLOUNT	602	68	46	21	1	47	78
BRADLEY	461	111	89	22		89	193
CAMPBELL	260	47	31	16		31	119
CANNON	83	23	19	3	1	20	241
CARROLL	231	20	12	7	1	13	56
CARTER	418	113	85	26	2	87	208
CHEATHAM	121	17	11	6		11	91
CHESTER	102	7	4	3		4	39
CLAIBORNE	173	31	23	8		23	133
CLAY	70	2	2			2	29
COCKE	257	15	9	2	4	12	47
COFFEE	316	82	62	17	3	64	203
CROCKETT	141	6	4	2		4	28
CUMBERLAND	216	39	33	5	1	34	157
DAVIDSON	4,556	922	770	133	19	786	173
DECATUR	87	8	8			8	92

State and county	Population (in hundreds)	All licensed practical nurses: Total	Employed	Not employed	No answer	Estimated employed: Number (adjusted fig.)	Nurse-population ratio
TENNESSEE—Continued							
DE KALB	108	4	3	1		3	28
DICKSON	210	56	44	12		44	210
DYER	294	64	54	10		54	184
FAYETTE	216	4	4			4	19
FENTRESS	137	20	19	1		19	139
FRANKLIN	272	43	39	4		39	143
GIBSON	481	65	58	6	1	59	123
GILES	208	32	24	8		24	115
GRAINGER	129	3	3			3	23
GREENE	451	79	64	15		64	142
GRUNDY	108	7	5	2		5	46
HAMBLEN	404	73	55	15	3	57	141
HAMILTON	2,610	538	440	89	9	447	171
HANCOCK	74	3	3			3	41
HARDEMAN	229	29	23	5	1	24	105
HARDIN	185	30	22	8		22	119
HAWKINS	325	49	29	20		29	89
HAYWOOD	220	16	15	1		15	68
HENDERSON	175	35	30	5		30	171
HENRY	225	94	83	10	1	84	373
HICKMAN	117	8	7	1		7	60
HOUSTON	51	3	2	1		2	39
HUMPHREYS	116	20	15	4	1	16	138
JACKSON	82	5	4	1		4	49
JEFFERSON	252	40	30	8	2	32	127
JOHNSON	105	21	16	5		16	152
KNOX	2,707	435	357	68	10	365	135
LAKE	96	2	2			2	21
LAUDERDALE	210	11	10	1		10	48
LAWRENCE	278	44	38	6		38	137
LEWIS	69	2	2			2	29
LINCOLN	239	73	61	11	1	62	259
LOUDON	241	35	31	4		31	129
MCMINN	343	42	33	7	2	35	102
MCNAIRY	170	22	19	3		19	112
MACON	120	3	3			3	25
MADISON	647	159	128	24	7	134	207
MARION	209	45	33	10	2	35	167
MARSHALL	176	52	47	5		47	267
MAURY	443	81	62	17	2	64	144
MEIGS	50	2	2			2	40
MONROE	230	9	7	2		7	30
MONTGOMERY	616	106	90	15	1	91	148
MOORE	35						
MORGAN	146	6	3	3		3	21
OBION	263	45	41	3	1	42	160
OVERTON	151	16	13	3		13	86
PERRY	51	5	4	1		4	78
PICKETT	45	1	1			1	22
POLK	121	16	14	2		14	116
PUTNAM	317	65	52	10	3	55	174
RHEA	166	19	14	5		14	84
ROANE	406	64	49	15		49	121
ROBERTSON	305	57	48	9		48	157

RUTHERFORD	601	121	92	26	3	94	156
SCOTT	154	11	9	2		9	58
SEQUATCHIE	66						
SEVIER	275	11	7	3	1	8	29
SHELBY	7,323	1,351	1,122	191	38	1,154	158
SMITH	124	8	8			8	65
STEWART	74	3	2	1		2	27
SULLIVAN	1,278	292	218	68	6	223	174
SUMNER	472	89	68	18	3	70	148
TIPTON	292	16	10	5	1	11	38
TROUSDALE	50	5	5			5	100
UNICOI	149	28	24	3	1	25	168
UNION	89	4	3	1		3	34
VAN BUREN	35						
WARREN	246	24	19	4	1	20	81
WASHINGTON	688	214	178	34	2	180	262
WAYNE	117	15	9	6		9	77
WEAKLEY	253	16	14	1	1	15	59
WHITE	165	7	4	3		4	24
WILLIAMSON	278	62	49	12	1	50	180
WILSON	319	45	34	10	1	35	110
COUNTY NOT IDENT.		18	10	4	4	13	
OUT OF STATE RES.		187	187			187	
State Totals	**38,846**	**6,969**	**5,669**	**1,155**	**145**	**5,793**	**149**
TEXAS							
ANDERSON	279	183	122	30	31	147	527
ANDREWS	115	71	42	17	12	51	443
ANGELINA	460	197	122	44	31	145	315
ARANSAS	90	13	8	5		8	89
ARCHER	64	19	10	2	7	16	250
ARMSTRONG	24	7	5	1	1	6	250
ATASCOSA	195	20	12	5	3	14	72
AUST'N	145	30	18	6	6	23	159
BAILEY	108	45	20	7	18	33	306
BANDERA	45	5	3	1	1	4	89
BASTROP	174	49	35	6	8	42	241
BAYLOR	59	39	22	8	9	29	492
BEE	253	59	43	11	5	47	186
BELL	1,220	436	288	100	48	324	266
BEXAR	8,206	1,864	1,213	304	347	1,491	182
BLANCO	37	11	8	1	2	10	270
BORDEN	11						
BOSQUE	108	64	39	13	12	48	444
BOWIE	654	199	132	49	18	145	222
BRAZORIA	978	175	107	38	30	129	132
BRAZOS	494	88	62	16	10	70	142
BREWSTER	71	28	19	3	6	24	338
BRISCOE	36	7	2	4	1	2	56
BROOKS	94	11	9	1	1	10	106
BROWN	274	196	131	28	37	161	588
BURLESON	104	18	6	6	6	9	87
BURNET	99	58	41	9	8	48	485
CALDWELL	167	31	17	8	6	21	126
CALHOUN	203	67	42	10	15	54	266
CALLAHAN	94	24	15	4	5	19	202
CAMERON	1,580	276	188	36	52	232	147
CAMP	83	22	13	4	5	17	205
CARSON	75	26	21	2	3	24	320
CASS	232	50	34	7	9	41	177

State and county	Population (in hundreds)	All licensed practical nurses				Estimated employed	
		Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
TEXAS—Continued							
CASTRO	115	14	5	1	8	12	104
CHAMBERS	120	17	9	4	4	12	100
CHEROKEE	314	198	131	30	37	161	513
CHILDRESS	70	45	35	6	4	38	543
CLAY	78	14	7	3	4	10	128
COCHRAN	69	15	12	2	1	13	188
COKE	34	29	23	3	3	26	765
COLEMAN	120	72	38	5	29	64	533
COLLIN	544	180	124	33	23	142	261
COLLINGSWORTH	53	4	3		1	4	75
COLORADO	192	35	22	7	6	27	141
COMAL	226	49	30	12	7	35	155
COMANCHE	134	47	36	4	7	42	313
CONCHO	36	7	3	2	2	4	111
COOKE	241	90	46	26	18	58	241
CORYELL	339	79	59	10	10	68	201
COTTLE	35	7	6	1		6	171
CRANE	42	26	18	3	5	22	524
CROCKETT	42	14	8	1	5	12	286
CROSBY	114	13	9	2	2	11	96
CULBERSON	34						
DALLAM	64	31	18	6	7	23	359
DALLAS	12,296	2,539	1,710	393	436	2,064	168
DAWSON	202	58	35	14	9	41	203
DEAF SMITH	198	50	28	9	13	38	192
DELTA	62	13	8	3	2	9	145
DENTON	656	157	106	33	18	120	183
DE WITT	196	100	59	17	24	78	398
DICKENS	45	7	3	3	1	4	89
DIMMIT	95	17	7	5	5	10	105
DONLEY	42	11	5	2	4	8	190
DUVAL	139	13	6	6	1	7	50
EASTLAND	172	100	68	13	19	84	488
ECTOR	970	394	258	86	50	296	305
EDWARDS	24	5	4	1		4	167
ELLIS	451	141	91	27	23	109	242
EL PASO	3,719	556	354	101	101	433	116
ERATH	156	114	65	28	21	80	513
FALLS	185	97	73	15	9	80	432
FANNIN	219	100	62	22	16	74	338
FAYETTE	193	33	17	10	6	21	109
FISHER	76	36	26	5	5	30	395
FLOYD	143	21	16	1	4	20	140
FOARD	27	20	15	2	3	18	667
FORT BEND	507	139	87	28	24	105	207
FRANKLIN	53	21	15	3	3	17	321
FREESTONE	111	31	23	2	6	29	261
FRIO	117	21	17	1	3	20	171
GAINES	139	29	14	7	8	19	137
GALVESTON	1,673	627	471	62	94	554	331
GARZA	59	11	9	2		9	153
GILLESPIE	112	27	18	4	5	22	196
GLASSCOCK	12	1		1			
GOLIAD	55	12	7	3	2	8	145

GONZALES	166	48	28	10	10	35	211
GRAY	275	73	42	13	18	56	204
GRAYSON	764	356	256	54	46	294	385
GREGG	777	330	182	63	85	245	315
GRIMES	120	36	21	8	7	26	217
GUADALUPE	436	58	36	18	4	39	113
HALE	443	118	79	20	19	94	212
HALL	70	24	10	4	10	17	243
HAMILTON	80	68	52	10	6	57	713
HANSFORD	71	13	3	2	8	8	113
HARDEMAN	78	27	21	2	4	25	321
HARDIN	310	62	39	16	7	44	142
HARRIS	15,907	4,200	2,863	669	668	3,405	214
HARRISON	442	130	93	15	22	112	253
HARTLEY	28						
HASKELL	99	57	32	12	13	41	414
HAYS	222	27	19	4	4	22	99
HEMPHILL	31	7	4	2	1	5	161
HENDERSON	240	96	58	19	19	72	300
HIDALGO	1,901	312	195	64	53	235	124
HILL	209	159	107	21	31	133	636
HOCKLEY	235	50	37	7	6	42	179
HOOD	54	16	7	7	2	8	148
HOPKINS	188	72	42	13	17	55	293
HOUSTON	195	69	42	10	17	56	287
HOWARD	428	217	153	30	34	181	423
HUDSPETH	30	1		1			
HUNT	423	153	91	30	32	115	272
HUTCHINSON	342	60	36	6	18	51	149
IRION	12	1	1			1	83
JACK	69	30	14	8	8	19	275
JACKSON	141	56	28	11	17	40	284
JASPER	253	43	33	5	5	37	146
JEFF DAVIS	15	2	1		1	2	133
JEFFERSON	2,725	726	459	148	119	549	201
JIM HOGG	50	3	3			3	60
JIM WELLS	347	55	40	7	8	47	135
JOHNSON	412	195	130	37	28	152	369
JONES	194	117	79	18	20	95	490
KARNES	143	60	38	12	10	46	322
KAUFMAN	300	158	105	23	30	130	433
KENDALL	66	15	6	4	5	9	136
KENEDY	7						
KENT	18	1	1			1	56
KERR	213	76	43	13	20	58	272
KIMBLE	41	4	1	2	1	1	24
KING	5	1	1			1	200
KINNEY	23	1		1			
KLEBERG	307	47	29	10	8	35	114
KNOX	68	13	4	7	2	5	74
LAMAR	333	166	110	24	32	136	408
LAMB	240	78	50	15	13	60	250
LAMPASAS	93	40	29	8	3	31	333
LA SALLE	52	4	3	1		3	58
LAVACA	197	125	76	34	15	86	437
LEE	87	20	13	3	4	16	184
LEON	97	22	14	6	2	15	155
LIBERTY	336	67	42	18	7	47	140
LIMESTONE	204	60	38	8	14	50	245
LIPSCOMB	34	3	1	2		1	29
LIVE OAK	75	9	8		1	9	120
LLANO	57	41	25	11	5	28	491
LOVING	2						

State and county	Population (in hundreds)	All licensed practical nurses				Estimated employed	
		Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
TEXAS—Continued							
LUBBOCK	1,889	527	354	72	101	438	232
LYNN	106	18	11	5	2	12	113
MCCULLOCH	85	72	44	15	13	54	635
MCLENNAN	1,626	373	235	62	76	295	181
MCMULLEN	10	1	1			1	100
MADISON	73	20	12	3	5	16	219
MARION	75	14	8	1	5	12	160
MARTIN	51	16	10	3	3	12	235
MASON	36	9	4	2	3	6	167
MATAGORDA	302	81	46	23	12	54	179
MAVERICK	191	4		3	1		
MEDINA	213	22	13	2	7	19	89
MENARD	28	11	7	2	2	9	321
MIDLAND	732	112	82	19	11	91	124
MILAM	197	61	40	13	8	46	234
MILLS	43	27	23	2	2	25	581
MITCHELL	104	33	23	5	5	27	260
MONTAGUE	153	43	28	11	4	31	203
MONTGOMERY	357	100	73	11	16	87	244
MOORE	137	43	33	6	4	36	263
MORRIS	119	40	31	8	1	32	269
MOTLEY	26	3	2	1		2	77
NACOGDOCHES	288	112	77	18	17	91	316
NAVARRO	334	150	106	18	26	128	383
NEWTON	105	20	9	6	5	12	114
NOLAN	174	122	77	28	17	89	511
NUECES	2,473	972	631	136	205	800	323
OCHILTREE	103	13	9	2	2	11	107
OLDHAM	24	3	1	1	1	2	83
ORANGE	694	236	132	57	47	165	238
PALO PINTO	230	70	37	18	15	47	204
PANOLA	162	93	65	9	19	82	506
PARKER	249	140	105	19	16	119	478
PARMER	118	8	2	5	1	2	17
PECOS	128	22	14	4	4	17	133
POLK	140	47	24	18	5	27	193
POTTER	1,350	456	272	85	99	347	257
PRESIDIO	51	5	1	1	3	3	59
RAINS	32	1	1			1	31
RANDALL	543	9	5	3	1	6	11
REAGAN	30	15	8	1	6	13	433
REAL	21						
RED RIVER	160	30	21	2	7	27	169
REEVES	160	15	8	4	3	10	63
REFUGIO	107	51	36	11	4	39	364
ROBERTS	11	1		1			
ROBERTSON	151	26	14	6	6	18	119
ROCKWALL	58	14	9	2	3	11	190
RUNNELS	136	43	27	8	8	33	243
RUSK	335	165	106	29	30	130	388
SABINE	70	16	8	5	3	10	143
SAN AUGUSTINE	76	11	4	6	1	4	53
SAN JACINTO	61	50	33	10	7	38	623
SAN PATRICIO	466	118	87	17	14	99	212

SAN SABA	69	38	21	8	9	28	406
SCHLEICHER	28	1	1			1	36
SCURRY	161	89	60	18	11	68	422
SCHACKELFORD	37	19	15	2	2	17	459
SHELBY	196	56	39	14	3	41	209
SHERMAN	32	2	1	1		1	31
SMITH	961	394	266	58	70	323	336
SOMERVELL	25	8	6		2	8	320
STARR	202	29	23	4	2	25	124
STEPHENS	79	34	21	4	9	29	367
STERLING	11	4	4			4	364
STONEWALL	29	13	8	2	3	10	345
SUTTON	38	24	14	8	2	15	395
SWISHER	135	19	11	3	5	15	111
TARRANT	6,126	1,980	1,322	351	307	1,565	255
TAYLOR	1,130	296	188	51	57	233	206
TERRELL	24	1		1			
TERRY	165	48	31	5	12	41	248
THROCKMORTON	26	43	28	8	7	33	1,269
TITUS	168	100	73	12	15	86	512
TOM GREEN	718	294	210	38	46	249	347
TRAVIS	2,615	597	354	110	133	455	174
TRINITY	73	16	13	3		13	178
TYLER	107	43	29	9	5	33	308
UPSHUR	205	49	26	16	7	30	146
UPTON	40	12	8	1	3	11	275
UVALDE	173	51	31	7	13	42	243
VAL VERDE	290	20	18		2	20	69
VAN ZANDT	195	48	31	10	7	36	185
VICTORIA	562	244	136	62	46	168	299
WALKER	239	46	20	10	16	31	130
WALLER	148	21	12	2	7	18	122
WARD	132	41	26	6	9	33	250
WASHINGTON	189	51	36	10	5	40	212
WEBB	756	150	103	23	24	123	163
WHARTON	386	172	108	34	30	131	339
WHEELER	69	13	5	2	6	9	130
WICHITA	1,347	330	200	57	73	257	191
WILBARGER	166	76	49	12	15	61	367
WILLACY	157	30	22	5	3	24	153
WILLIAMSON	363	164	110	29	25	130	358
WILSON	140	13	7	2	4	10	71
WINKLER	118	65	41	7	17	56	475
WISE	186	31	21	5	5	25	134
WOOD	182	64	43	12	9	50	275
YOAKUM	81	42	27	7	8	33	407
YOUNG	153	121	87	14	20	104	680
ZAPATA	45						
ZAVALA	138	10	5		5	10	72
COUNTY NOT IDENT.		11	3	6	2	4	
OUT OF STATE RES.		174	174			174	
State Totals	**109,849**	**30,814**	**20,237**	**5,270**	**5,307**	**24,440**	**222**
UTAH							
BEAVER	40	6	6			6	150
BOX ELDER	303	38	25	11	2	26	86
CACHE	417	22	20	2		20	48
CARBON	173	43	33	9	1	34	197
DAGGETT	6	1		1			
DAVIS	923	111	80	29	2	81	88
DUCHESNE	67	10	7	2	1	8	119

State and county	Population (in hundreds)	All licensed practical nurses: Total	Employed	Not employed	No answer	Estimated employed: Number (adjusted fig.)	Nurse-population ratio
UTAH—Continued							
EMERY	59	7	6	1		6	102
GARFIELD	33	6	4	2		4	121
GRAND	74	16	14	2		14	189
IRON	107	11	10	1		10	93
JUAB	46	7	4	3		4	87
KANE	26	4	4			4	154
MILLARD	69	7	6	1		6	87
MORGAN	35	1	1			1	29
PIUTE	15	2	1	1		1	67
RICH	16	2	2			2	125
SALT LAKE	4,565	654	508	138	8	514	113
SAN JUAN	81	7	4	3		4	49
SANPETE	99	19	13	6		13	131
SEVIER	94	9	5	4		5	53
SUMMIT	63	9	6	3		6	95
TOOELE	230	32	19	13		19	83
UINTAH	125	12	8	3	1	9	72
UTAH	1,234	376	305	68	3	307	249
WASATCH	58	9	7	2		7	121
WASHINGTON	111	15	7	7	1	8	72
WAYNE	16						
WEBER	1,287	104	78	24	2	80	62
COUNTY NOT IDENT.		3		3			
OUT OF STATE RES.		8	8			8	
State Totals	**10,372**	**1,551**	**1,191**	**339**	**21**	**1,207**	**116**
VERMONT							
ADDISON	215	51	29	21	1	30	140
BENNINGTON	266	101	76	23	2	78	293
CALEDONIA	218	54	42	12		42	193
CHITTENDEN	834	261	192	65	4	195	234
ESSEX	53	5	4	1		4	75
FRANKLIN	293	95	74	19	2	76	259
GRAND ISLE	29	3	2	1		2	69
LAMOILLE	116	39	29	9	1	30	259
ORANGE	161	28	16	10	2	17	106
ORLEANS	198	53	39	13	1	40	202
RUTLAND	496	108	74	28	6	78	157
WASHINGTON	434	147	102	42	3	104	240
WINDHAM	305	168	130	34	4	133	436
WINDSOR	425	120	82	36	2	83	195
COUNTY NOT IDENT.		7	5	2		5	
OUT OF STATE RES.		39	39			39	
State Totals	**4,043**	**1,279**	**935**	**316**	**28**	**956**	**236**
VIRGINIA							
ACCOMAC	295	47	36	11		36	122
ALBEMARLE	746	219	183	31	5	187	251
ALEXANDRIA CITY	1,146	79	52	21	6	56	49
ALLEGHANY	290	9	4	5		4	14

AMELIA	75	5	5			5	67
AMHERST	264	11	10	1		10	38
APPOMATTOX	104	4	3	1		3	29
ARLINGTON	2,955	99	70	27	2	71	24
AUGUSTA	858	232	197	35		197	230
BATH	53	5	3	1	1	4	75
BEDFORD	329	35	32	3		32	97
BLAND	57	3	3			3	53
BOTETOURT	182	11	9	2		9	49
BRUNSWICK	171	14	12	2		12	70
BUCHANAN	379	26	24	2		24	63
BUCKINGHAM	108						
CAMPBELL	979	59	50	8	1	51	52
CAROLINE	140	7	4	3		4	29
CARROLL	273	25	23	2		23	84
CHARLOTTE	138	2	1	1		1	7
CHARLES CITY	65	3	2	1		2	31
CHESAPEAKE CITY	814	107	85	20	2	87	107
CHESTERFIELD	1,067	218	187	22	9	195	183
CLARKE	85	2	1		1	2	24
CRAIG	34	3	3			3	88
CULPEPER	169	15	13	2		13	77
CUMBERLAND	65						
DICKENSON	183	5	4	1		4	22
DINWIDDIE	634	8	6	2		6	9
ESSEX	74	2	2			2	27
FAIRFAX	3,005	159	102	51	6	106	35
FAUQUIER	268	13	7	6		7	26
FLOYD	102	4	1	3		1	10
FLUVANNA	79	7	6	1		6	76
FRANKLIN	285	8	6	2		6	21
FREDERICK	434	42	38	3	1	39	90
GILES	173	12	10	2		10	58
GLOUCESTER	135	9	4	5		4	30
GOOCHLAND	106	6	3	3		3	28
GRAYSON	161	4	3	1		3	19
GREENE	52	5	5			5	96
GREENSVILLE	173	4	4			4	23
HALIFAX	414	67	59	7	1	60	145
HAMPTON CITY	1,169	107	85	20	2	87	74
HANOVER	361	37	29	8		29	80
HENRICO	3,718	1,085	942	128	15	955	257
HENRY	700	66	46	19	1	47	67
HIGHLAND	29	1	1			1	34
ISLE OF WIGHT	207	19	18	1		18	87
JAMES CITY	242	2	2			2	8
KING AND QUEEN	49	1		1			
KING GEORGE	80	3	1	2		1	13
KING WILLIAM	80	2	2			2	25
LANCASTER	93	3		2	1		
LEE	234	20	16	4		16	68
LOUDOUN	339	18	8	9	1	8	24
LOUISA	139	4	2	2		2	14
LUNENBURG	129	6	6			6	47
MADISON	88	8	5	3		5	57
MATHEWS	69	10	8	2		8	116
MECKLENBURG	336	43	33	10		33	98
MIDDLESEX	62	4	3		1	4	65
MONTGOMERY	485	41	32	9		32	66
NANSEMOND	485	86	70	15	1	71	146
NELSON	124	11	9	2		9	73
NEW KENT	51	6	5	1		5	98
NEWPORT NEWS	1,333	193	169	22	2	171	128

State and county	Population (in hundreds)	All licensed practical nurses: Total	Employed	Not employed	No answer	Estimated employed: Number (adjusted fig.)	Nurse-population ratio
VIRGINIA—Continued							
NORFOLK	1,287	185	164	18	3	167	130
NORFOLK CITY	3,099	397	316	72	9	323	104
NORTHAMPTON	171	53	48	5		48	281
NORTHUMBERLAND	101	3	2	1		2	20
NOTTOWAY	149	24	20	4		20	134
ORANGE	133	14	10	4		10	75
PAGE	166	5	5			5	30
PATRICK	156	8	8			8	51
PITTSYLVANIA	1,122	140	133	6	1	134	119
POWHATAN	79	8	5	2	1	6	76
PRINCE EDWARD	121	13	12	1		12	99
PRINCE GEORGE	637	43	34	8	1	35	55
PRINCESS ANNE	1,465	130	87	42	1	88	60
PRINCE WILLIAM	913	53	35	18		35	38
PULASKI	281	52	41	11		41	146
RAPPAHANNOCK	56	4	1	3		1	18
RICHMOND	69						
ROANOKE	1,789	417	360	51	6	365	204
ROCKBRIDGE	316	37	26	10	1	27	85
ROCKINGHAM	612	28	22	5	1	23	38
RUSSELL	279	24	15	9		15	54
SCOTT	245	17	2	14	1	2	8
SHENANDOAH	236	19	16	3		16	68
SMYTH	321	29	24	4	1	25	78
SOUTHAMPTON	276	57	49	8		49	178
SPOTSYLVANIA	317	1		1			
STAFFORD	217	132	107	24	1	108	498
SURRY	56	1		1			
SUSSEX	125	6	6			6	48
TAZEWELL	428	108	85	20	3	87	203
WARREN	152	16	12	4		12	79
WASHINGTON	580	29	23	6		23	40
WESTMORELAND	121	4	4			4	33
WISE	440	104	91	12	1	92	209
WYTHE	223	19	15	4		15	67
YORK	314	170	135	33	2	137	436
COUNTY NOT IDENT.		18	11	7		11	
OUT OF STATE RES.		120	120			120	
State Totals	**45,773**	**5,859**	**4,808**	**959**	**92**	**4,884**	**107**
WASHINGTON							
ADAMS	115	4	3	1		3	26
ASOTIN	138	61	43	17	1	44	319
BENTON	675	149	104	44	1	105	156
CHELAN	427	122	94	26	2	96	225
CLALLAM	327	92	57	34	1	58	177
CLARK	1,082	389	273	112	4	276	255
COLUMBIA	48	14	9	5		9	188
COWLITZ	661	158	106	52		106	160
DOUGLAS	158	8	6	2		6	38
FERRY	39	3	3			3	77
FRANKLIN	259	62	44	17	1	45	174

GARFIELD	30	4	1	2	1	1	33
GRANT	432	72	53	16	3	55	127
GRAYS HARBOR	584	130	87	41	2	88	151
ISLAND	224	31	17	14		17	76
JEFFERSON	100	16	9	7		9	90
KING	10,358	1,748	1,110	603	35	1,133	109
KITSAP	936	228	139	87	2	140	150
KITTITAS	211	32	20	12		20	95
KLICKITAT	138	11	7	4		7	51
LEWIS	464	117	84	30	3	86	185
LINCOLN	109	11	7	4		7	64
MASON	177	49	35	14		35	198
OKANOGAN	268	31	15	14	2	16	60
PACIFIC	151	26	14	12		14	93
PEND OREILLE	75	10	4	5	1	4	53
PIERCE	3,601	1,029	725	284	20	739	205
SAN JUAN	28	2		2			
SKAGIT	527	352	265	85	2	267	507
SKAMANIA	57	6	3	3		3	53
SNOHOMISH	2,113	459	297	154	8	302	143
SPOKANE	2,943	632	466	159	7	471	160
STEVENS	178	19	14	5		14	79
THURSTON	612	86	47	38	1	48	78
WAHKIAKUM	36	5	3	2		3	83
WALLA WALLA	443	154	116	34	4	119	269
WHATCOM	741	221	130	89	2	131	177
WHITMAN	319	28	15	12	1	16	50
YAKIMA	1,492	339	233	97	9	239	160
COUNTY NOT IDENT.		13	8	4	1	9	
OUT OF STATE RES.		91	91			91	
State Totals	**31,276**	**7,014**	**4,757**	**2,143**	**114**	**4,835**	**155**
WEST VIRGINIA							
BARBOUR	142	5	3	2		3	21
BERKELEY	359	32	26	4	2	28	78
BOONE	255	14	14			14	55
BRAXTON	140	5	5			5	36
BROOKE	291	26	25	1		25	86
CABELL	1,069	419	357	44	18	373	349
CALHOUN	76	2	2			2	26
CLAY	102	1		1			
DODDRIDGE	67	1	1			1	15
FAYETTE	523	95	76	15	4	79	151
GILMER	82						
GRANT	88	18	13	4	1	14	159
GREENBRIER	327	17	9	7	1	10	31
HAMPSHIRE	117	2	2			2	17
HANCOCK	415	16	12	4		12	29
HARDY	89	1		1			
HARRISON	724	90	62	21	7	67	93
JACKSON	210	13	9	4		9	43
JEFFERSON	195	23	20		3	23	118
KANAWHA	2,469	539	436	92	11	445	180
LEWIS	198	26	23	3		23	116
LINCOLN	195	5	3	2		3	15
LOGAN	517	68	50	11	7	56	108
MC DOWELL	568	53	48	3	2	50	88
MARION	585	45	33	10	2	35	60
MARSHALL	379	129	106	20	3	109	288
MASON	241	14	10	3	1	11	46

State and county	Population (in hundreds)	All licensed practical nurses				Estimated employed	
		Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
WEST VIRGINIA—Continued							
MERCER	637	126	107	13	6	112	176
MINERAL	239	5	4	1		4	17
MINGO	369	28	19	9		19	51
MONONGALIA	534	101	86	13	2	88	165
MONROE	106	4	3	1		3	28
MORGAN	83	1		1			
NICHOLAS	233	15	11	2	2	13	56
OHIO	613	146	127	17	2	129	210
PENDLETON	72	1	1			1	14
PLEASANTS	74	3	3			3	41
POCAHONTAS	96	19	16	3		16	167
PRESTON	252	20	15	5		15	60
PUTNAM	256	16	16			16	63
RALEIGH	673	203	167	31	5	171	254
RANDOLPH	258	64	49	11	4	52	202
RITCHIE	100	7	6	1		6	60
ROANE	153	9	8		1	9	59
SUMMERS	144	12	9	1	2	11	76
TAYLOR	143	8	7	1		7	49
TUCKER	73	13	10	3		10	137
TYLER	93	11	9	2		9	97
UPSHUR	183	18	10	8		10	55
WAYNE	393	38	31	5	2	33	84
WEBSTER	121	12	9	1	2	11	91
WETZEL	188	25	19	5	1	20	106
WIRT	41	2	1	1		1	24
WOOD	797	101	79	16	6	84	105
WYOMING	317	14	13	1		13	41
COUNTY NOT INDENT.		4	1	2	1	1	
OUT OF STATE RES.		136	136			136	
State Totals	**17,664**	**2,821**	**2,317**	**406**	**98**	**2,402**	**136**
WISCONSIN							
ADAMS	74	5	5			5	68
ASHLAND	165	21	19	2		19	115
BARRON	337	33	27	6		27	80
BAYFIELD	112	25	20	5		20	179
BROWN	1,527	202	176	25	1	177	116
BUFFALO	141	5	3	2		3	21
BURNETT	91	10	7	3		7	77
CALUMET	271	13	13			13	48
CHIPPEWA	473	27	21	5	1	22	47
CLARK	316	13	10	3		10	32
COLUMBIA	389	43	39	4		39	100
CRAWFORD	155	16	14	2		14	90
DANE	2,704	378	332	46		332	123
DODGE	619	48	41	7		41	66
DOOR	209	8	8			8	38
DOUGLAS	437	195	169	23	3	172	394
DUNN	249	18	15	3		15	60
EAU CLAIRE	610	59	49	9	1	50	82
FLORENCE	32	2	1	1		1	31

FOND DU LAC	828	129	117	11	1	118	143
FOREST	66	2	1	1		1	15
GRANT	458	30	22	8		22	48
GREEN	254	18	14	4		14	55
GREEN LAKE	167	12	10	1	1	11	66
IOWA	181	13	11	2		11	61
IRON	61	7	4	2	1	5	82
JACKSON	153	12	11	1		11	72
JEFFERSON	553	70	65	5		65	118
JUNEAU	184	6	6			6	33
KENOSHA	1,156	299	260	37	2	262	227
KEWAUNEE	186	21	19	2		19	102
LA CROSSE	749	92	82	10		82	109
LAFAYETTE	187	3	3			3	16
LANGLADE	194	6	6			6	31
LINCOLN	226	15	12	3		12	53
MANITOWOC	821	54	51	3		51	62
MARATHON	974	29	24	3	2	26	27
MARINETTE	346	37	28	7	2	30	87
MARQUETTE	84	14	13	1		13	155
MENOMINEE	27	1	1			1	37
MILWAUKEE	10,744	1,334	1,170	161	3	1,173	109
MONROE.	316	41	36	5		36	114
OCONTO	248	14	12	2		12	48
ONEIDA	238	14	14			14	59
OUTAGAMIE	1,166	20	18	2		18	15
OZAUKEE	464	25	19	6		19	41
PEPIN	80	3	2	1		2	25
PIERCE	242	26	18	7	1	19	79
POLK	256	22	20	2		20	78
PORTAGE	431	27	26		1	27	63
PRICE	136	8	5	3		5	37
RACINE	1,699	176	148	25	3	151	89
RICHLAND	151	8	8			8	53
ROCK	1,273	42	35	5	2	37	29
RUSK	138	7	6	1		6	43
ST CROIX	326	23	21	2		21	64
SAUK	369	18	17	1		17	46
SAWYER	92	6	5	1		5	54
SHAWANO	318	17	15	2		15	47
SHEBOYGAN	924	58	51	7		51	55
TAYLOR	171						
TREMPEALEAU	242	18	15	3		15	62
VERNON	240	17	17			17	71
VILAS	96	9	8	1		8	83
WALWORTH	573	31	25	6		25	44
WASHBURN	99	5	5			5	51
WASHINGTON	547	41	36	5		36	66
WAUKESHA	2,023	173	146	26	1	147	73
WAUPACA	370	29	25	4		25	68
WAUSHARA	126	10	8	2		8	63
WINNEBAGO	1,203	274	240	34		240	200
WOOD	653	32	30	1	1	31	47
COUNTY NOT IDENT.		20	8	11	1	8	
OUT OF STATE RES.		31	31			31	
State Totals	**42,720**	**4,570**	**3,969**	**573**	**28**	**3,996**	**94**

State and county	Population (in hundreds)	All licensed practical nurses				Estimated employed	
		Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
WYOMING							
ALBANY	246	31	23	8		23	93
BIG HORN	115	7	5	2		5	43
CAMPBELL	81	4	2	2		2	25
CARBON	142	20	17	3		17	120
CONVERSE	62	3	1	2		1	16
CROOK	50						
FREMONT	336	36	23	12	1	24	71
GOSHEN	116	8	7	1		7	60
HOT SPRINGS	63	14	13	1		13	206
JOHNSON	57	9	7	2		7	123
LARAMIE	650	68	47	20	1	48	74
LINCOLN	93	9	8	1		8	86
NATRONA	538	65	48	15	2	50	93
NIOBRARA	37	5	4	1		4	108
PARK	173	10	4	5	1	4	23
PLATTE	73	11	11			11	151
SHERIDAN	187	35	26	9		26	139
SUBLETTE	45	3		3			
SWEETWATER	181	3	3			3	17
TETON	39	3	1	2		1	26
UINTA	74	16	16			16	216
WASHAKIE	77	3	3	2		1	13
WESTON	70	6	6			6	86
YELLOWSTONE NL PK	4						
COUNTY NOT IDENT.		1		1			
OUT OF STATE RES.		4	4			4	
State Totals	**3,509**	**374**	**277**	**92**	**5**	**281**	**80**
ALASKA							
CENTRAL	427	49	33	16		33	77
NORTHWESTERN	184	4	2	2		2	11
SOUTHCENTRAL	1,491	156	107	49		107	72
SOUTHEASTERN	622	56	36	19	1	37	59
OUT OF STATE RES.		20	20			20	
State Totals	**2,724**	**285**	**198**	**86**	**1**	**199**	**73**
HAWAII							
HAWAII	595	204	164	27	13	175	294
HONOLULU	6,145	1,104	825	184	95	903	147
KAUAI	266	81	62	12	7	68	256
MAUI	494	156	118	16	22	137	277
COUNTY NOT IDENT.		12	3	5	4	5	
OUT OF STATE RES.		31	31			31	
State Totals	**7,500**	**1,588**	**1,203**	**244**	**141**	**1,319**	**176**

APPENDIX C

DISTRIBUTION OF LICENSED PRACTICAL NURSES AND RATIO OF EMPLOYED PER 100,000 POPULATION BY METROPOLITAN AREA, 1967

Metropolitan area	Counties within metropolitan area	Population (in hundreds)	All licensed practical nurses				Estimated employed	
			Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
Abilene, Texas	Jones, Taylor	1,324	413	267	69	77	328	248
Akron, Ohio	Portage, Summit	6,796	1,014	782	216	16	795	117
Albany, Georgia	Dougherty	863	54	36	18	—	36	42
Albany-Schenectady-Troy, N.Y.	Albany, Renssalaer, Saratoga, Schenectady	7,187	1,631	1,014	597	20	1,027	143
Albuquerque, N.M.	Bernalillo	3,245	471	336	110	25	355	109
Allentown-Bethlehem-Easton, Pa.	Warren (N.J.): Lehigh, Northampton (Pa.)	5,278	1,237	866	344	27	885	168
Altoona, Pa.	Blair	1,398	466	350	103	13	360	258
Amarillo, Texas	Potter, Randall	1,893	465	277	88	100	353	186
Anaheim-Santa Ana-Garden Grove, Cal.	Orange	12,746	1,235	810	348	77	864	68
Anderson, Indiana	Madison	1,342	72	51	17	4	54	40
Ann Arbor, Michigan	Washtenaw	2,040	355	248	79	28	269	132
Asheville, N.C.	Buncombe	1,433	345	278	61	6	283	197
Atlanta, Ga.	Clayton, Cobb, DeKalb, Fulton, Gwinne	12,786	1,066	732	286	48	767	60
Atlantic City, N.J.	Atlantic	1,776	481	347	91	43	381	215
Augusta, Ga.	Richmond (Ga.), Aiken (S.C.)	2,564	358	301	48	9	309	121
Austin, Tex.	Travis	2,615	597	354	110	133	455	174
Bakersfield, Cal.	Kern	3,384	369	245	95	29	266	79
Baltimore, Md.	Anne Arundel, Baltimore, Carroll, Hartford, Howard	20,055	2,720	2,092	604	24	2,111	105
Baton Rouge, La.	East Baton Rouge	2,785	500	379	120	1	380	136
Bay City, Mich.	Bay	1,128	337	223	85	29	244	216
Beaumont-Port Arthur, Tex.	Jefferson, Orange	3,419	962	591	205	166	714	209
Billings, Mont.	Yellowstone	876	83	60	22	1	61	70
Biloxi-Gulfport, Miss.	Harrison	1,425	249	193	46	10	201	141
Binghamton-Endicott, N.Y.	Broome, Tioga (N.Y.); Susquehanna (Pa.)	3,039	717	478	232	7	483	159
Birmingham, Ala.	Jefferson, Shelby, Walker	7,718	1,493	1,225	196	72	1,287	167
Bloomington-Normal, Ill.	McLean	908	80	58	17	5	62	68
Boise, Idaho	Ada	1,046	258	170	85	3	172	164
Boston, Mass.	Essex, Middlesex, Norfolk, Suffolk	32,372	8,759	4,832	1,657	2,270	6,523	202
Bridgeport-Stamford-Norwalk, Conn.	Fairfield	7,739	946	748	169	29	772	100
Brockton, Mass.	Plymouth	3,148	1,103	612	247	244	786	250
Brownsville-Harlingen-San Benito, Tex.	Cameron	1,580	276	188	36	52	232	147
Buffalo, N.Y.	Erie, Niagara	13,307	2,387	1,739	622	26	1,758	132
Canton, Ohio	Stark	3,713	580	461	109	10	469	126
Cedar Rapids, Iowa	Linn	1,535	179	108	62	9	114	74
Champaign-Urbana, Ill.	Champaign	1,513	213	156	32	25	177	117
Charleston, S.C.	Berkeley, Charleston	3,133	466	364	93	9	371	118
Charleston, W.Va.	Kanawha	2,469	539	436	92	11	445	180
Charlotte, N.C.	Mecklenburg, Union	3,869	487	401	65	21	419	108
Chattanooga, Tenn.	Walker (Ga.); Hamilton (Tenn.)	3,133	658	545	103	10	553	177
Chicago, Ill.	Cook, DuPage, Kane, Lake, McHenry, Will	68,704	7,659	5,893	1,111	655	6,444	94

Metropolitan area	Counties within metropolitan area	Population (in hundreds)	All licensed practical nurses				Estimated employed	
			Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
Cincinnati, Ohio	Dearborn (Ind.); Boone, Campbell, Kenton (Ky.); Clermont, Hamilton, Warren (Ohio)	13,932	2,537	2,088	382	67	2,145	154
Cleveland, Ohio	Cuyahoga, Geauga, Lake, Medina	20,786	4,272	3,458	725	89	3,532	170
Colorado Springs, Colo.	El Paso	1,994	415	324	86	5	328	164
Columbia, S.C.	Lexington, Richland	3,107	436	365	63	8	372	120
Columbus, Ga.	Russell (Ala.); Chattahoochee, Muscogee (Ga.)	2,474	324	242	72	10	250	101
Columbus, Ohio	Delaware, Franklin, Pickaway	8,829	1,118	864	224	30	888	101
Corpus Christi, Tex.	Nueces, San Patricio	2,939	1,090	718	153	219	898	306
Dallas, Tex.	Collin, Dallas, Denton, Ellis, Kaufman, Rockwall	14,305	3,189	2,145	511	533	2,576	180
Davenport-Rock Island-Moline, Iowa-Ill.	Henry, Rock Island (Ill.); Scott (Iowa)	3,444	461	336	102	23	354	103
Dayton, Ohio	Greene, Miami, Montgomery, Preble	8,311	1,265	956	283	26	976	117
Decatur, Ill.	Macon	1,283	69	49	17	3	51	40
Denver, Colo.	Adams, Arapahoe, Boulder, Denver, Jefferson	11,313	2,338	1,924	384	30	1,949	172
Des Moines, Iowa	Polk	2,804	373	275	90	8	281	100
Detroit, Michigan	Macomb, Oakland, Wayne	41,138	6,695	4,664	1,311	720	5,226	127
Dubuque, Iowa	Dubuque	925	106	78	25	3	80	86
Duluth-Superior, Minn.-Wisc.	St. Louis (Minn.); Douglas (Wisc.)	2,812	682	562	112	8	569	202
Durham, N.C.	Durham, Orange	1,739	911	800	90	21	819	471
El Paso, Tex.	El Paso	3,719	556	354	101	101	433	116
Erie, Pa.	Erie	2,644	624	478	130	16	491	186
Eugene, Ore.	Lane	2,038	232	168	64	—	168	82
Evansville, Ind.	Vanderburgh, Warrick (Ind.); Henderson, (Ky.)	2,266	159	131	18	10	140	62
Fargo-Moorhead, N.D.-Minn.	Clay (Minn.); Cass (N.D.)	1,128	177	149	28	—	149	132
Fayetteville, N.C.	Cumberland	1,865	175	111	54	10	118	63
Flint, Mich.	Genesee, Lapeer	4,845	1,299	838	329	132	933	193
Fort Lauderdale-Hollywood, Fla.	Broward	4,735	783	547	137	99	626	132
Fort Smith, Ark.	Crawford, Sebastian (Ark.); LeFlore, Sequoyah (Okla.)	1,588	313	265	32	16	279	176
Fort Wayne, Ind.	Allen	2,625	223	175	39	9	182	69
Fort Worth, Tex.	Johnson, Tarrant	6,538	2,175	1,452	388	335	1,716	262
Fresno, Cal.	Fresno	4,207	531	406	95	30	430	102
Gadsden, Ala.	Etowah	1,002	163	130	26	7	136	136
Galveston-Texas City, Tex.	Galveston	1,673	627	471	62	94	554	331
Gary-Hammond-East Chicago, Ind.	Lake, Porter	6,221	549	424	90	35	453	73
Grand Rapids, Mich.	Kent, Ottawa	5,133	1,369	850	419	100	917	179
Great Falls, Mont.	Cascade	865	109	80	28	1	81	94
Green Bay, Wisc.	Brown	1,527	202	176	25	1	177	116
Greensboro-Winsten-Salem-High Point, N.C.	Forsyth, Guilford, Randolph, Yadkin	5,915	700	551	124	25	571	97
Greenville, S.C.	Greenville, Pickens	2,883	212	174	33	5	178	62
Hamilton-Middletown, Ohio	Butler	2,268	324	256	58	10	264	116
Harrisburg, Pa.	Cumberland, Dauphin, Perry	4,031	1,019	715	272	32	738	183
Hartford-New Britain, Conn.	Hartford, Tolland	8,872	1,210	975	190	45	1,013	114
Honolulu, Hawaii	Honolulu	6,145	1,104	825	184	95	903	147
Houston, Tex.	Brazoria, Fort Bend, Harris, Liberty, Montgomery	18,085	4,681	3,172	764	745	3,772	209

Huntington-Asland, W.Va.-Ky.	Boyd, (Ky.); Lawrence (Ohio); Cabell, Wayne (W.Va.)	2,595	582	497	64	21	516	199
Huntsville, Ala.	Limestone, Madison	2,250	258	184	66	8	190	84
Indianapolis, Ind.	Boone, Hamilton, Hancock, Hendricks, Johnson, Marion, Morgan, Shelby	10,490	1,059	788	154	117	886	84
Jackson, Mich.	Jackson	1,396	186	126	38	22	143	102
Jackson, Miss.	Hinds, Rankin	2,604	649	539	86	24	560	215
Jacksonville, Fla.	Duval	5,290	970	779	115	76	845	160
Jersey City, N.J.	Hudson	6,113	566	385	126	55	426	70
Johnstown, Pa.	Cambria, Somerset	2,685	980	683	264	33	707	263
Kalamazoo, Mich.	Kalamazoo	1,869	421	272	114	35	297	159
Kansas City, Mo.	Johnson, Wyandotte (Kans.); Cass, Clay, Jackson, Platte (Mo.)	12,459	2,035	1,657	289	89	1,733	139
Kenosha, Wisc.	Kenosha	1,156	299	260	37	2	262	227
Knoxville, Tenn.	Anderson, Blount, Knox	3,940	577	458	106	13	469	119
Lafayette-West Lafayette, Ind.	Tippecanoe	994	42	36	4	2	38	38
Lafayette, La.	Lafayette	1,014	188	151	35	2	153	151
Lake Charles, La.	Calcasieu	1,708	391	316	75	—	316	185
Lancaster, Pa.	Lancaster	3,042	1,006	721	266	19	735	242
Lansing, Mich.	Clinton, Eaton, Ingham	3,406	706	440	192	74	492	144
Laredo, Tex.	Webb	756	150	103	23	24	123	163
Las Vegas, Nev.	Clark	2,563	344	230	108	6	234	91
Lawton, Okla.	Comanche	1,121	207	146	37	24	165	147
Lewiston-Auburn, Maine	Androscoggin	915	57	36	19	2	37	40
Lexington, Ky.	Fayette	1,629	341	239	77	25	258	158
Lima, Ohio	Allen, Putnam, VanWert	1,728	302	234	63	5	238	138
Lincoln, Neb.	Lancaster	1,781	166	129	32	5	133	75
Little Rock-North Little Rock, Ark.	Pulaski, Saline	3,275	1,047	832	181	34	860	263
Lorain-Elyria, Ohio	Lorain	2,665	627	507	111	9	514	193
Los Angeles-Long Beach, Cal.	Los Angeles	70,270	8,676	6,196	1,624	856	6,874	98
Louisville, Ky.	Clark, Floyd (Ind.); Jefferson (Ky.)	7,997	923	730	159	34	758	95
Lubbock, Texas	Lubbock	1,889	527	354	72	101	438	232
Lynchburg, Va.	Amherst, Campbell	1,243	70	60	9	1	61	49
Macon, Ga.	Bibb, Houston	2,060	187	147	33	7	153	74
Madison, Wisc.	Dane	2,704	378	332	46	—	332	123
Manchester-Nashua, N.H.	Hillsborough	2,037	398	258	105	35	283	139
Mansfield, Ohio	Richland	1,344	193	154	35	4	157	117
McAllen-Pharr-Edinburg, Tex.	Hidalgo	1,901	312	195	64	53	235	124
Memphis, Tenn.	Crittenden (Ark.); Shelby (Tenn.)	7,854	1,446	1,204	203	39	1,237	157
Miami, Fla.	Dade	11,391	1,825	1,393	213	219	1,583	139
Midland, Tex.	Midland	732	112	82	19	11	91	124
Milwaukee, Wisc.	Milwaukee, Ozaukee, Waukesha, Washington	13,778	1,573	1,371	198	4	1,374	100
Minneapolis-St. Paul, Minn.	Anoka, Dakota, Hennipin, Ramsey, Washington	16,719	2,646	2,106	493	47	2,144	128
Mobile, Ala.	Baldwin, Mobile	4,139	645	512	115	18	527	127
Monroe, La.	Ouachita	1,218	289	234	53	2	236	194
Montgomery, Ala.	Elmore, Montgomery	2,179	302	251	39	12	261	120
Muncie, Ind.	Delaware	1,197	197	164	22	11	174	145
Muskegon-Muskegon Heights, Mich.	Muskegon	1,595	252	165	51	36	193	121
Nashville, Tenn.	Davidson, Sumner, Wilson	5,347	1,056	872	161	23	891	167
Newark, N.J.	Essex, Morris, Union	19,006	3,643	2,551	805	287	2,769	146
New Bedford-Fall River-Taunton, Mass.	Bristol	4,241	1,725	1,062	322	341	1,324	312
New Haven-Waterbury, Meriden, Conn.	New Haven	7,365	1,249	1,047	163	39	1,081	147
New London-Groton-Norwich, Conn.	New London	2,214	331	246	70	15	258	117

(Continued)

Metropolitan area	Counties within metropolitan area	Population (in hundreds)	All licensed practical nurses				Estimated employed	
			Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
New Orleans, La.	Jefferson, Orleans, St. Bernard, St. Tammany	10,754	1,900	1,536	353	11	1,545	144
Newport News-Hampton, Va.	Newport News, York	2,816	470	389	75	6	394	140
New York, N.Y.	Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk, Westchester	116,256	19,499	14,822	4,396	281	15,039	129
Norfolk-Portsmouth, Va.	Norfolk, Princess Anne	6,665	819	652	152	15	664	100
Odessa, Texas	Ector	970	394	258	86	50	296	305
Ogden, Utah	Weber	1,287	104	78	24	2	80	62
Oklahoma City, Okla.	Canadian Cleveland, Oklahoma	6,014	1,098	780	182	136	890	148
Omaha, Neb.	Pottawattamie (Iowa); Douglas, Sarpy (Neb.)	5,369	668	509	140	19	524	98
Orlanda, Fla.	Orange, Seminole	4,061	660	505	94	61	556	137
Paterson-Clifton-Passaic, N.J.	Bergen, Passaic	13,579	1,690	1,075	483	132	1,166	86
Pensacola, Fla.	Escambia, Santa Rosa	2,396	518	406	63	49	448	187
Peoria, Ill.	Peoria, Tazewell, Woodford	3,395	561	432	92	37	462	136
Petersburgh-Hopewell, Va.	Dinwiddie, Prince George	1,271	51	40	10	1	41	32
Philadelphia, Pa.	Burlington, Camden, Gloucester (N.J.); Bucks, Chester, Delaware, Montgomery, Philadelphia (Pa.)	47,853	11,804	9,401	2,005	398	9,729	203
Phoenix, Ariz.	Maricopa	8,956	1,185	929	244	12	939	105
Pine Bluff, Ark.	Jefferson	905	249	202	38	9	210	232
Pittsburgh, Pa.	Allegheny, Beaver, Washington, Westmoreland	23,800	6,185	4,661	1,356	168	4,791	201
Pittsfield-North Adams, Mass.	Berkshire	1,477	385	237	77	71	291	197
Portland, Maine	Cumberland	1,911	189	122	54	13	131	69
Portland, Oregon	Clackamas, Multnomah, Washington (Ore.); Clark (Wash.)	9,318	1,801	1,321	468	12	1,330	143
Providence- Pawtaucket, R.I.	Bristol, Kent, Newport, Providence	8,273	1,926	1,430	445	51	1,469	178
Provo-Orem, Utah	Utah	1,234	376	305	68	3	307	249
Pueblo, Colo.	Pueblo	1,290	502	355	146	1	356	276
Racine, Wisc.	Racine	1,699	176	148	25	3	151	89
Raleigh, N.C.	Wake	2,070	295	228	58	9	235	114
Reading, Pa.	Berks	2,917	751	556	174	21	572	196
Reno, Nev.	Washoe	1,255	239	169	67	3	171	136
Richmond, Va.	Chesterfield, Hanover, Henrico	5,146	1,340	1,158	158	24	1,179	229
Roanoke, Va.	Roanoke	1,789	417	360	51	6	365	204
Rochester, N.Y.	Livingston, Monroe, Orleans, Wayne	8,322	1,757	1,069	668	20	1,081	130
Rockford, Ill.	Boone, Winnebago	2,567	293	220	53	20	236	92
Sacramento, Cal.	Placer, Sacramento, Yolo	7,903	1,175	840	250	85	906	115
Saginaw, Mich.	Saginaw	2,138	389	241	110	38	267	125
St. Joseph, Mo.	Buchanan	892	124	97	16	11	106	119
St. Louis, Mo.	Madison, St. Clair (Ill.); Franklin, Jefferson, St. Charles, St. Louis (Mo.)	23,313	4,458	3,777	472	209	3,963	170
Salem, Ore.	Marion, Polk	1,802	258	191	65	2	192	107
Salinas-Monterey, Cal.	Monterey	2,328	271	181	72	18	194	83
Salt Lake City, Utah	Davis, Salt Lake	5,488	765	588	167	10	596	109
San Angelo, Tex.	Tom Green	718	294	210	38	46	249	347
San Antonio, Tex.	Bexar, Guadalupe	8,552	1,922	1,249	322	351	1,528	179
San Bernardino-Riverside-Ontario, Cal.	Riverside, San Bernardino	11,074	1,461	984	385	92	1,050	95
San Diego, Cal.	San Diego	12,538	1,704	1,165	414	125	1,257	100

San Francisco-Oakland, Cal.	Alameda, Contra Costa, Marin, San Francisco, San Mateo	30,792	4,718	3,357	1,009	352	3,628	118
San Jose, Cal.	Santa Clara	9,775	906	616	220	70	668	68
Santa Barbara, Cal.	Santa Barbara	2,526	334	240	76	18	254	101
Savannah, Ga.	Chatham	2,025	307	240	61	6	245	121
Scranton, Pa.	Lackawanna	2,225	778	605	149	24	624	280
Seattle-Everett, Wash.	King, Snohomish	12,471	2,207	1,407	757	43	1,435	115
Sherman-Denison, Tex.	Grayson	764	356	256	54	46	294	385
Shreveport, La.	Bossier, Caddo	3,108	815	668	141	6	673	217
Sioux City, Ia.	Woodbury (Iowa); Dakota (Neb.)	1,212	146	109	32	5	113	93
Sioux Falls, S.D.	Minnehaha	995	215	171	32	12	181	182
South Bend, Ind.	Marshall, St. Joseph	2,885	173	128	34	11	137	47
Spokane, Wash.	Spokane	2,943	632	466	159	7	471	160
Springfield, Ill.	Sangamon	1,564	273	208	39	26	230	147
Springfield-Holyoke, Mass.	Hampden, Hampshire	5,586	1,474	836	307	331	1,078	193
Springfield, Mo.	Greene	1,404	324	253	57	14	264	188
Springfield, Ohio	Clark	1,445	331	262	62	7	268	185
Steubenville-Weirton, Ohio-W.Va.	Jefferson (Ohio); Brooke, Hancock, (W.Va.)	1,709	121	99	21	1	100	59
Stockton, Cal.	San Joaquin	2,833	617	461	115	41	494	174
Syracuse, N.Y.	Madison, Onondaga, Oswego	6,293	1,267	789	464	14	798	127
Tacoma, Wash.	Pierce	3,601	1,029	725	284	20	739	205
Tallahassee, Fla.	Leon	890	188	133	31	24	152	171
Tampa-St. Petersburg, Fla.	Hillsborough, Pinellas	9,170	2,405	1,845	337	223	2,034	222
Terre Haute, Ind.	Clay, Sullivan, Vermillion, Vigo	1,672	163	138	17	8	145	87
Texarkana, Ark.-Tex.	Miller (Ark.); Bowie (Tex.)	978	286	217	51	18	232	237
Toledo, Ohio	Monroe (Mich.); Lucas Wood (Ohio)	6,781	1,593	1,262	294	37	1,292	191
Topeka, Kans.	Shawnee	1,534	254	189	53	12	198	129
Trenton, N.J.	Mercer	3,052	495	371	94	30	395	129
Tucson, Ariz.	Pima	3,343	540	416	115	9	423	127
Tulsa, Okla.	Creek, Osage, Tulsa	4,559	571	430	74	67	487	107
Tuscaloosa, Ala.	Tuscaloosa	1,196	206	178	20	8	185	155
Tyler, Tex.	Smith	961	394	266	58	70	323	336
Utica-Rome, N.Y.	Herkimer, Oneida	3,535	912	616	288	8	621	176
Vallejo-Napa, Cal.	Napa, Solano	2,454	407	277	108	22	293	119
Ventura-Oxnard, Cal.	Ventura	3,296	358	222	118	18	234	71
Vineland-Bridgeton-Millville, N.J.	Cumberland	1,225	219	153	49	17	166	136
Waco, Tex.	McLennan	1,626	373	235	62	76	295	181
Washington, D.C.	District of Columbia; Montgomery, Prince Georges (Md.); Arlington Fairfax, Loudon, Price William (Va.)	26,885	3,609	2,967	536	106	3,057	114
Waterloo, Iowa	Black Hawk	1,327	238	173	58	7	178	134
West Palm Beach, Fla.	Palm Beach	3,006	444	320	76	48	359	119
Wheeling, W.Va.	Belmont (Ohio); Marshall, Ohio (W.Va.)	1,791	384	320	59	5	324	181
Wichita, Kans.	Butler, Sedwick	3,882	611	434	140	37	462	119
Wichita Falls, Tex.	Archer, Wichita	1,411	349	210	59	80	272	193
Wilkes Barre-Hazleton, Pa.	Luzerne	3,441	993	657	309	27	675	196
Wilmington, Del.	New Castle (Del.); Cecil (Md.); Salem (N.J.)	4,833	806	642	151	13	653	135
Wilmington, N.C.	Brunswick, New Hanover	1,008	110	92	15	3	95	94
Worcester-Fitchburg-Leominster, Mass.	Worcester	6,247	2,356	1,426	419	511	1,821	291
York, Pa.	Adams, York	3,193	740	573	155	12	582	182
Youngstown-Warren, Ohio	Mahoning, Trumbull	5,442	880	729	139	12	739	136

APPENDIX D

Scope and Method of Survey

The American Nurses' Association (ANA) has conducted nationwide manpower studies of the registered nurse since 1949. Descriptions of the methodologies used and a picture of the historical development of the studies from 1949 to 1962 are given in *The Nation's Nurses.*[1] The procedure used for the 1966 study is described in *RN's 1966*. The same basic mechanism for collecting and tabulating data was utilized to conduct the first study of the Nation's licensed practical nurses.

The 1962 and 1966 inventories of registered nurses were supported financially by the Division of Nursing, National Institutes of Health. This same funding source made possible the 1967 inventory of licensed practical nurses. The Federal contract covered the costs of machine data processing and other special items such as costs for shipping and for conducting special studies. The American Nurses' Association contributed the expense of overhead and staff to the project. Costs involved in the publication of this report were borne by the Division of Nursing.

The procedure used by the State boards of nursing for renewing licenses to practice is used by ANA to collect data on manpower. Except in the cases where special studies are conducted, the licensure renewal application contains the questions used for the study. ANA staff prepares a set of uniformly worded questions for this purpose. A list of the questions used for this study appears in Appendix E.

The State boards of nursing send the completed application forms to ANA for processing. The editing, coding, and keypunching is handled in one central location according to the specifications established by the project directors. Only five States were unable to comply with this request because they were not able to send the forms outside of the State. Special procedures were instituted in these five States. The manual of coding and editing, prepared by ANA staff for the entire study, was used to review the raw data, and the same data processing procedure instituted for the study was used to prepare punched cards within the five States. These cards were later merged with the punched cards for all other States.

The periods during which licenses must be renewed vary from State to State. Because of this, cutoff dates were assigned to each State according to when the bulk of the renewals would have been received. There were 20 States for which the cutoff dates occurred in the beginning of 1967. (In almost each case the forms were filled out by the registrant at the end of 1966 or early in 1967.) The forms that were filled out first came from New York and New Mexico. The latest, which were obtained in mid-1968, were those from California and Pennsylvania.

About 362,500 application forms were processed. Of that total, about 1,800 were removed because the registrant was outside the United States or the form lacked an address.

A registrant can hold a license to practice in more than one State. In order to have only one punched card for each registrant, the duplicates are identified primarily through Social Security number. Where this identification was lacking and it was ascertained that the registrant was registered in more than one State, the name and address was used to eliminate duplicate forms. The final total of usable forms was 343,635. Thus, there were 17,065 duplicate licenses found. Licensed practical nurses were then assigned to the State in which they were working, if they indicated they were employed in nursing. If they were not working in nursing or if they did not indicate their employment status, they were assigned to their State of residence according to the mailing address on the form. At this point the State of licensure had no bearing on the State where the practical nurse was assigned.

Detailed tabulations on the characteristics of employed and inactive licensed practical nurses were prepared for each State and for the United States. Each State board of nursing, each constituent State association of ANA and each constituent association of the National Federation of Licensed Practical Nurses was provided a complete set of the data for that State's licensed practical nurses. Persons interested in these detailed statistics are urged to contact one of these sources.

County tabulations were produced for each State. The practical nurse was assigned to a county on the basis of the mailing address on the card, since county of employment or residence was not one of the basic questions asked of the registrant. In order to maintain State counts identical with those shown on the State tabulations, the employed nurse whose mailing address was different from the State of employment was counted in a residual group. Therefore, for each State there will be counts for each county within the State plus a "county not identified" group and an "out of State residence" group.

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[1] Marshall, E. and Moses, E., *The Nation's Nurses*, American Nurses' Association, 1965.

Metropolitan area data were also derived for this study. For these purposes a deck of cards was purchased from Sales Management Inc., which provided the population for each county and metropolitan area. The population figures were their estimates as of December 31, 1967.

The county data were used to provide estimates of the numbers of employed licensed practical nurses and ratios to population. The estimates were derived by assuming that those not responding to the question on employment status were distributed in the same proportions as those responding.

The 1967 inventory of licensed practical nurses is the first and only study of the characteristics of that group on a nationwide basis. Like the registered nurse manpower surveys, it has some of the same limitations. The use of cutoff dates eliminates some registrants who return their renewal notices after that date, thereby requiring a separate survey for these registrants. The completeness of coverage in the separate surveys is affected because not every individual answers the questionnaire. Those not answering obviously cannot be included in the study. In this 1967 inventory it was necessary to do a partial special study in New York and an entirely separate survey in Georgia. The extent to which this affected the data for those States is not known. Another limitation is the lack of response to some questions in the study. About 3 percent of the licensed practical nurses included in the survey provided no data on personal characteristics except for name and address. The nonresponse rate differed from question to question. Insofar as employment status is concerned, 6 percent of the registrants failed to answer this question. For the most part, the data have not been adjusted for these nonresponses.

APPENDIX E

List of Questions for
INVENTORY OF PRACTICAL NURSES

Sex: 1. Male, 2. Female

Marital status: 1. Single, 2. Married, 3. Widowed, 4. Divorced or separated

Year of birth: ....

Social Security number: ....

Actively employed in nursing: 1. Yes, 2. No

State in which employed: ....

Field of employment: 1. Hospital, 2. Nursing Home, 3. Private Nursing, 4. Public Health, 5. Industry, 6. Physician's or Dentist's Office, 7. Other (specify) ....

Was the first (original) license you ever received granted on the basis of:
1. Examination, 2. Waiver

States other than (State from which form came) in which currently licensed:

....

APPENDIX F

INDEX TO TABLES

Characteristic	*Table number*
Employment status	1A, 3A, 4A, 7A, 10A, 11A, 12A, 13A
Employed in nursing	Text tables 1, 2, 3, 4, 5; 1A, 2A, 3A, 4A, 5A, 7A, 8A, 10A, 11A, 12A, 13A, 14A, 17A, 19A, 20A, 21A, 22A, 23A, 24A
Inactive in nursing	1A, 3A, 4A, 6A, 7A, 9A, 10A, 11A, 12A, 13A, 15A, 18A
Age	Text table 4; 3A, 4A, 5A, 6A, 7A, 10A, 11A, 14A, 15A, 19A
Marital status	3A, 4A, 8A, 9A, 20A
Sex	10A, 11A, 13A, 21A, 22A
Men	10A, 11A, 12A, 13A, 21A, 22A
Basis of original license	13A, 14A, 15A, 16A, 17A, 18A, 22A, 24A
Field of employment	Text tables 2, 5; 19A, 20A, 21A, 22A, 23A, 24
State and region	Text tables 3, 4; 1A, 2A, 5A, 6A, 7A, 8A, 9A, 12A, 16A, 17A, 18A, 23A, 24A

☆ U.S. GOVERNMENT PRINTING OFFICE: 1971 O—406-723